



**Legend**

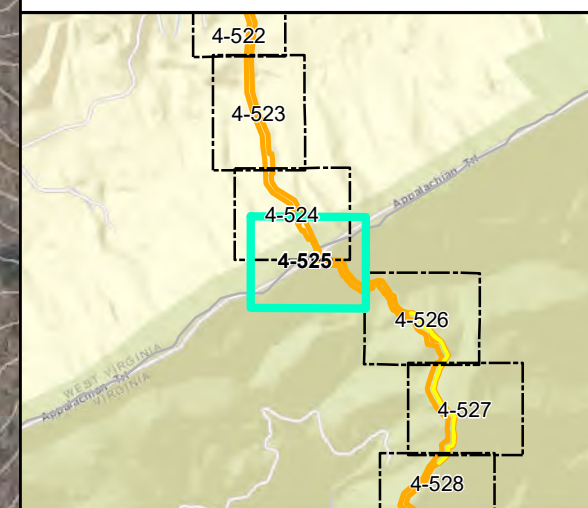
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

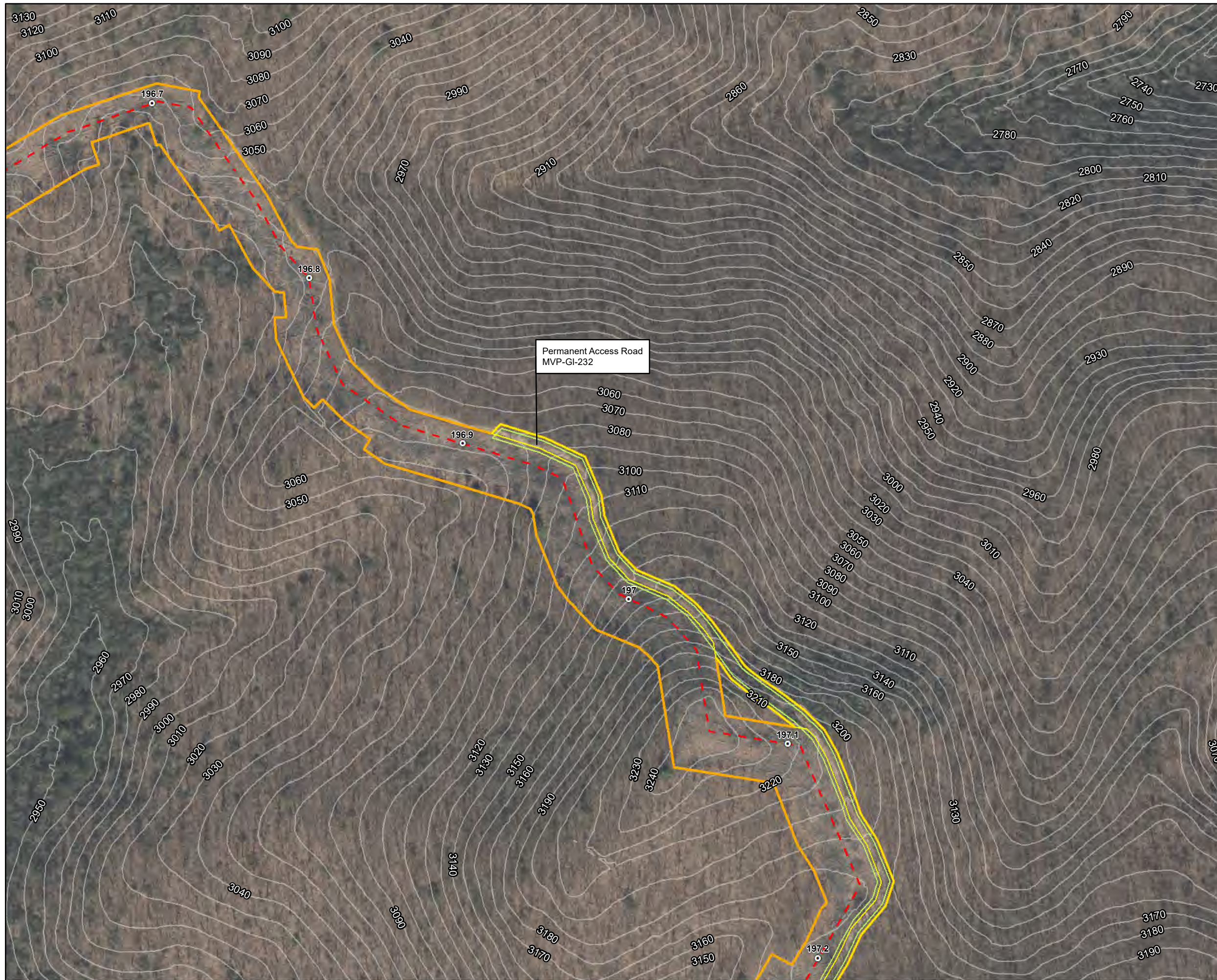
**Detail Map**  
**Individual Permit Application**

Figure 4-525  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\01s2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

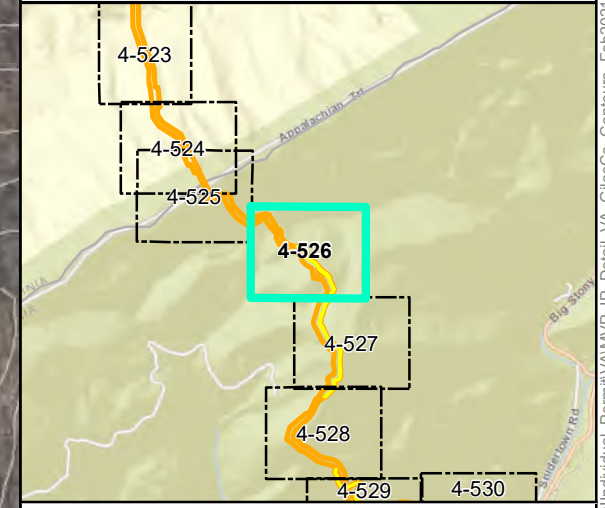
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
Stream	Wetland Impact
- - - Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
· · · Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-526  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

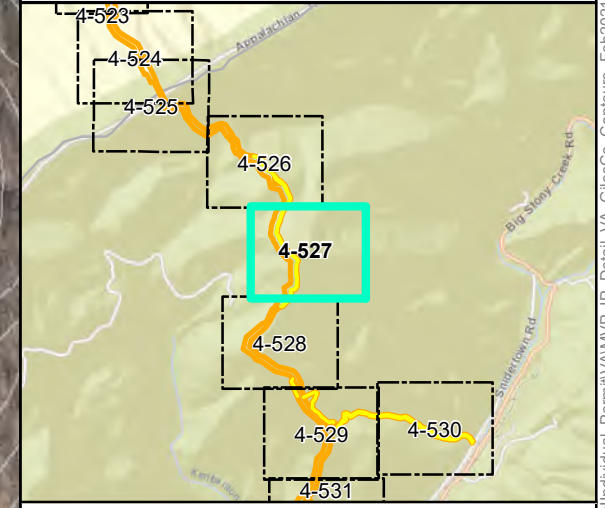
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-527  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

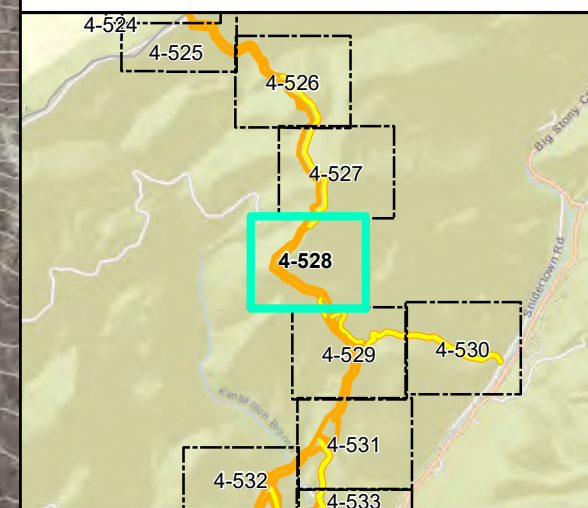
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
Stream	Wetland Impact
- - - Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
— Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-528  
Giles County, Virginia

February 2021

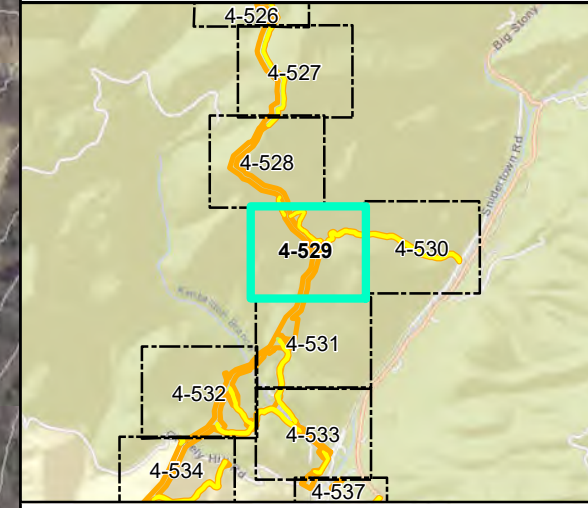
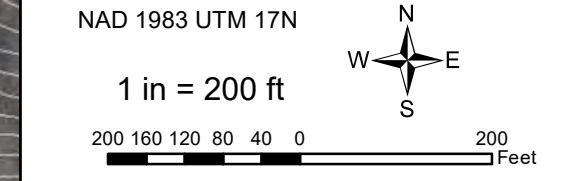
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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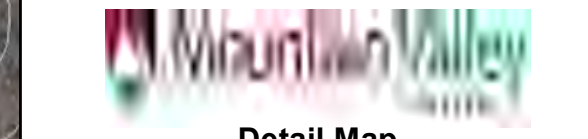


- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▬ Culvert
  - ▬ Stream
    - - - Intermittent
    - Ephemeral
    - ⋯ Perennial
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub
  - Stream Impact
    - ▨ Temporary
    - ▨ Permanent
  - Wetland Impact
    - ▨ Temporary
    - ▨ Conversion
    - ▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



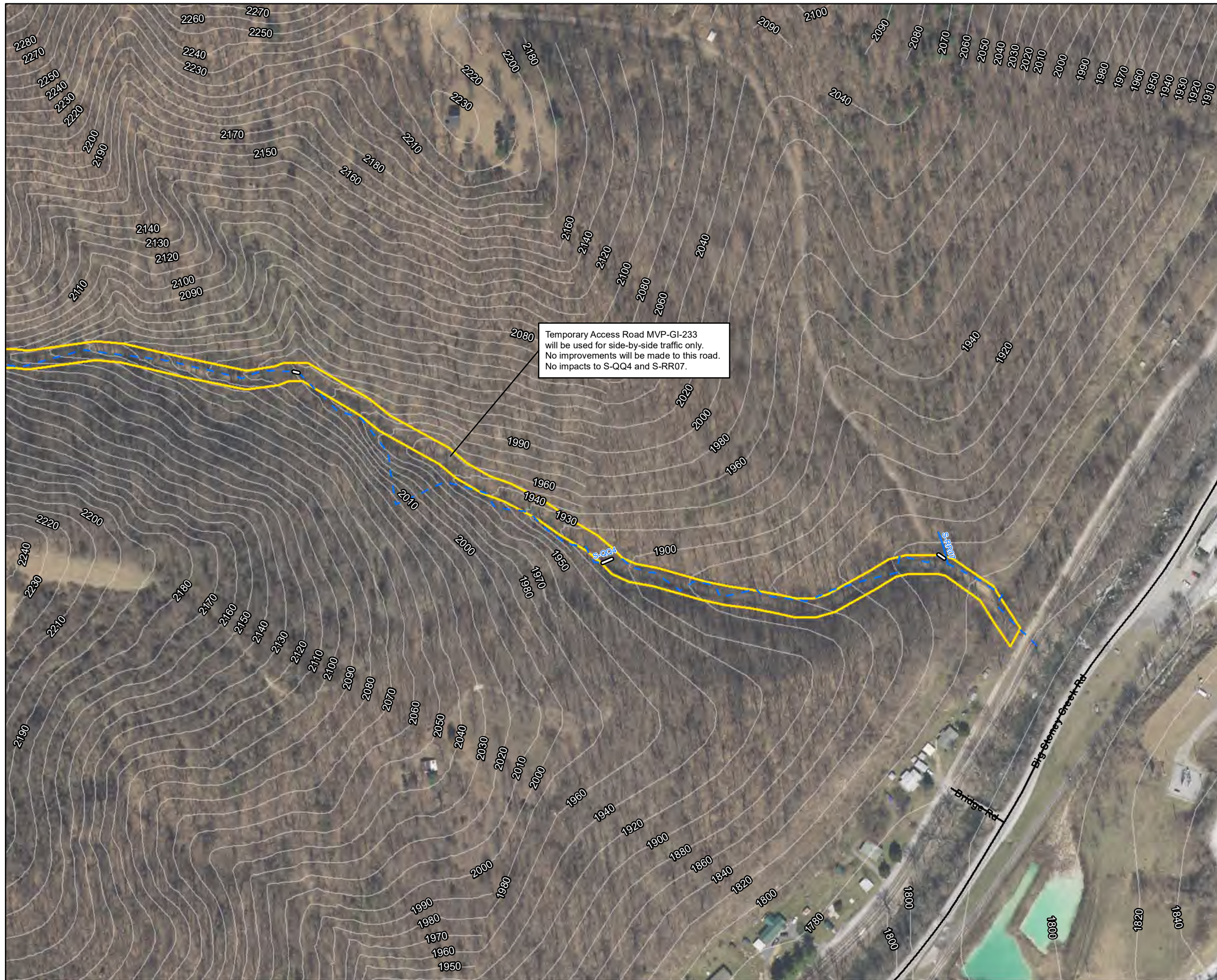
**Detail Map**  
**Individual Permit Application**

Figure 4-529  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd

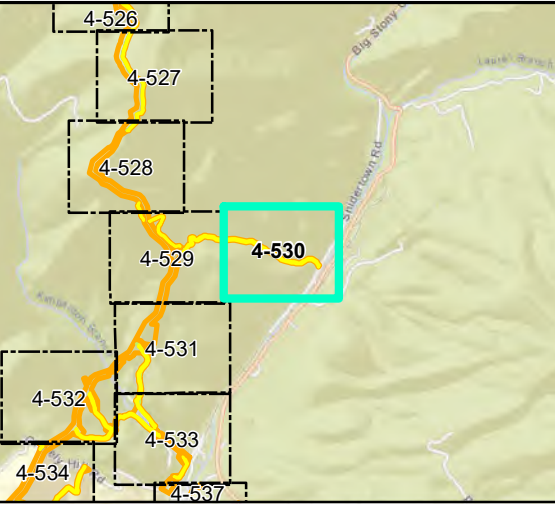


Temporary Access Road MVP-GI-233 will be used for side-by-side traffic only. No improvements will be made to this road. No impacts to S-QQ4 and S-RR07.

**Legend**

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert
- Stream
- Intermittent
- Ephemeral
- Perennial
- ▨ Pond
- Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub
- Stream Impact
  - Temporary
  - Permanent
- Wetland Impact
  - ▨ Temporary
  - ▨ Conversion
  - ▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



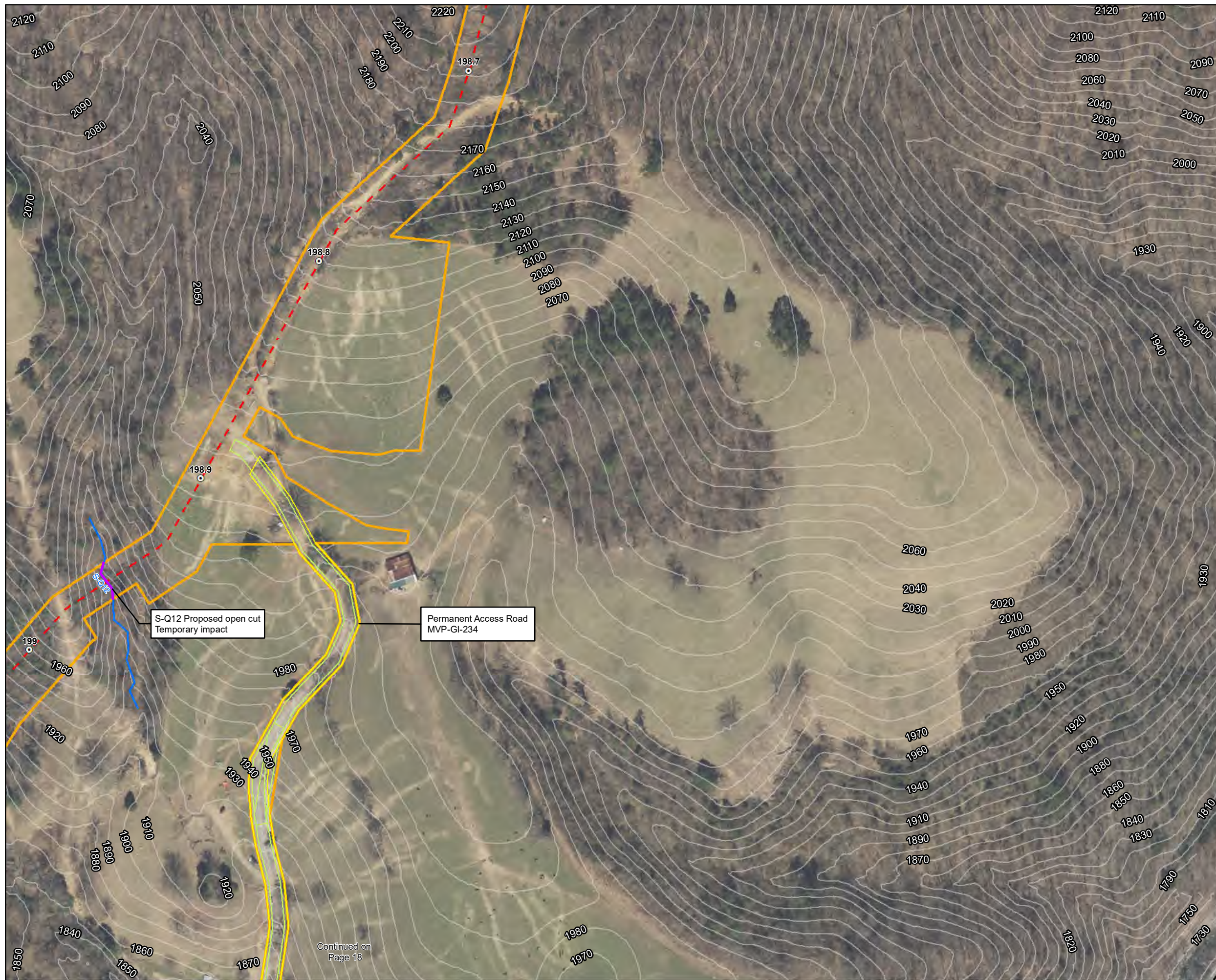
**Detail Map  
Individual Permit Application**

Figure 4-530  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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S-Q12 Proposed open cut  
Temporary impact

Permanent Access Road  
MVP-GI-234

Continued on  
Page 18

**Legend**

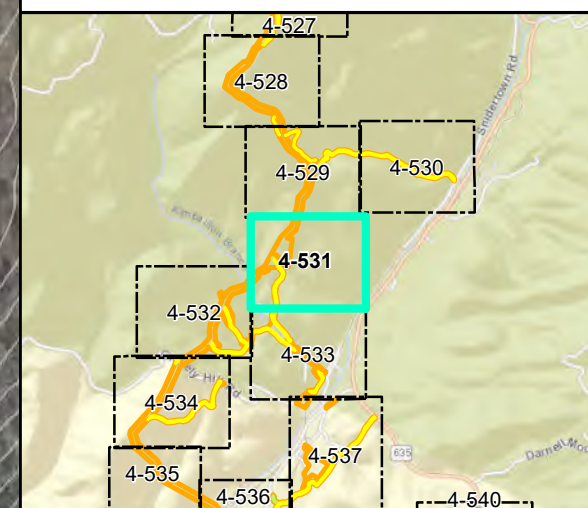
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-531  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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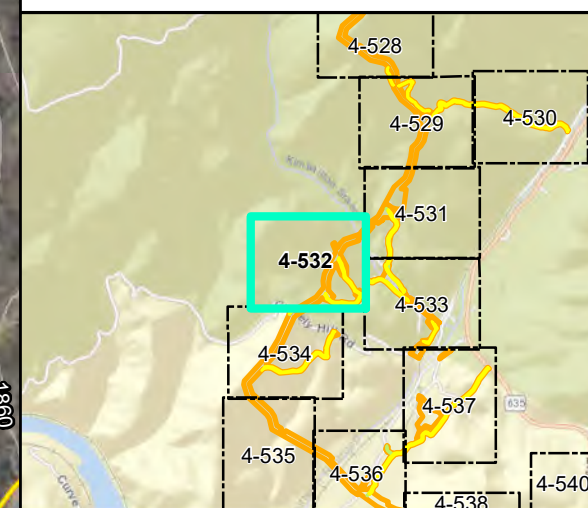
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-532  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

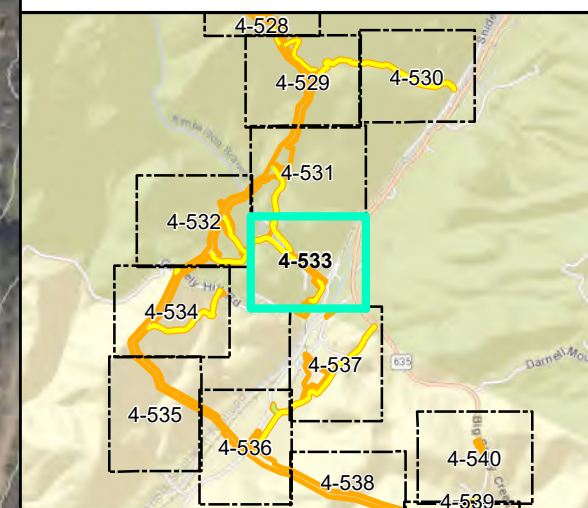
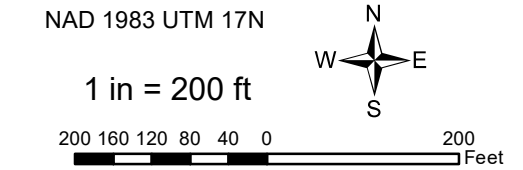
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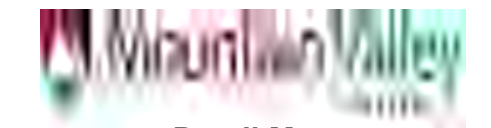


- ### Legend
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Intermittent
  - Ephemeral
  - Perennial
  - Pond
  - Wetland**
  - Palustrine Forested
  - Palustrine Emergent
  - Palustrine Scrub-Shrub
  - Stream Impact**
  - Temporary
  - Permanent
  - Wetland Impact**
  - Temporary
  - Conversion
  - Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-533  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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**Legend**

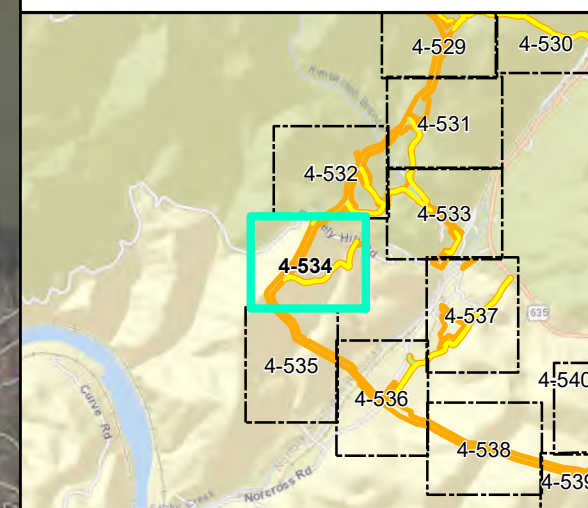
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-534  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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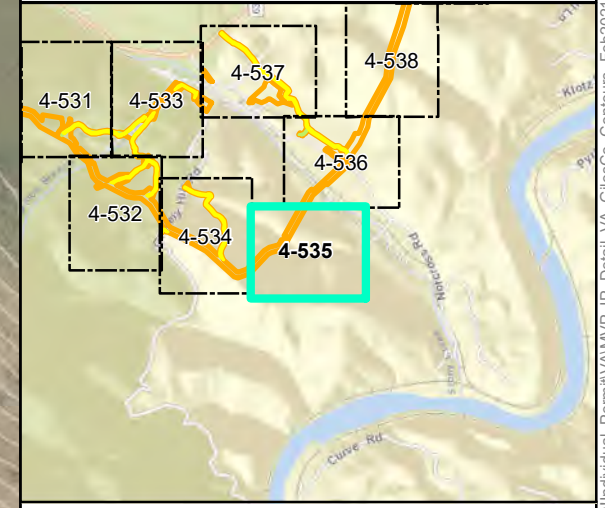
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-535  
Giles County, Virginia

February 2021

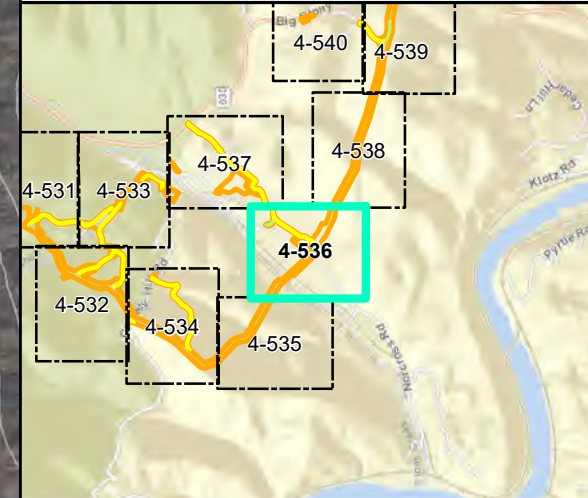
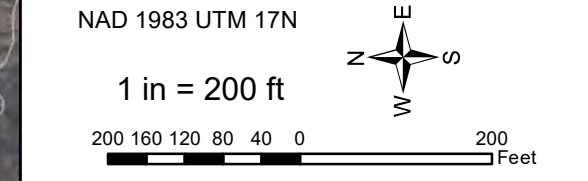
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- ### Legend
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | ▨ Pond                   |
| - - - Alignment Centerline  | ▨ Wetland                |
| ▭ Access Road Temporary LOD | ▨ Palustrine Forested    |
| ▭ Access Road Permanent LOD | ▨ Palustrine Emergent    |
| ▭ Permanent Facility        | ▨ Palustrine Scrub-Shrub |
| ▭ Limit of Disturbance      | ▨ Stream Impact          |
| ▭ Bore Pit                  | ▨ Temporary              |
| ▭ Culvert                   | ▨ Permanent              |
| ▭ Stream                    | ▨ Wetland Impact         |
| ▭ Intermittent              | ▨ Temporary              |
| ▭ Ephemeral                 | ▨ Conversion             |
| ▭ Perennial                 | ▨ Permanent Fill         |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



## Mountain Valley Pipeline Project



**Detail Map**  
**Individual Permit Application**

Figure 4-536  
Giles County, Virginia

February 2021

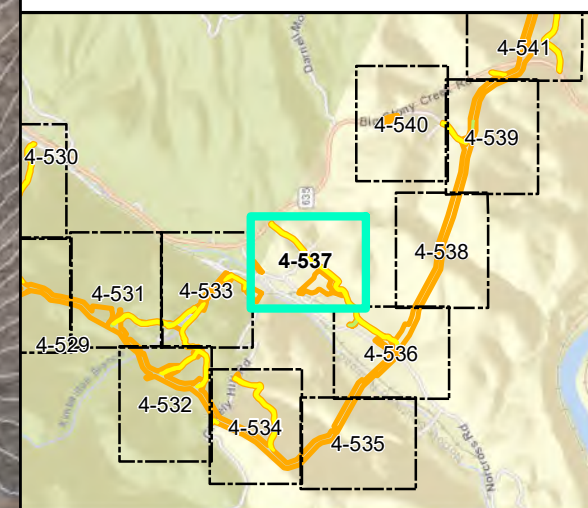
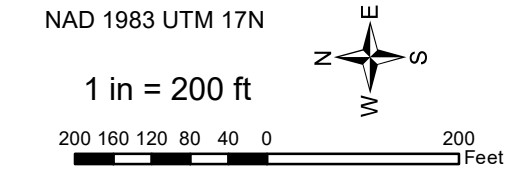
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
    - - - Intermittent
    - Ephemeral
    - · - · - Perennial
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub
  - Stream Impact
    - Temporary
    - Permanent
  - Wetland Impact
    - ▨ Temporary
    - ▨ Conversion
    - ▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-537  
Giles County, Virginia

February 2021

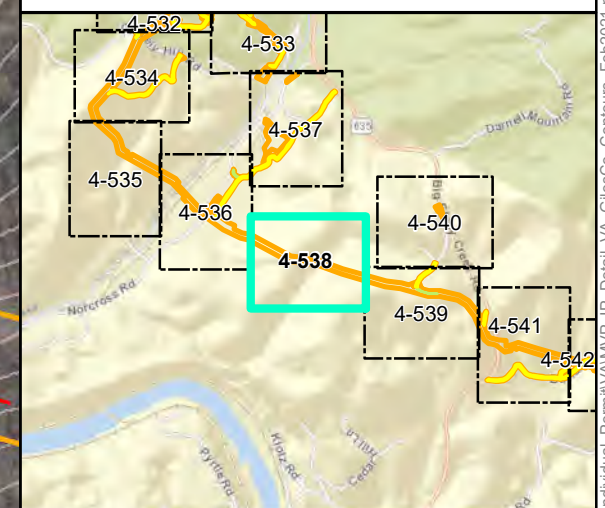
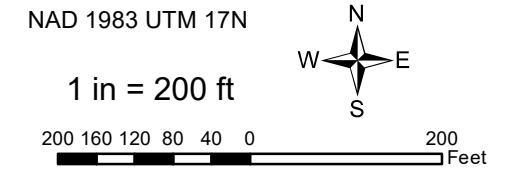
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▭ Culvert
  - Stream
  - - - Intermittent
  - Ephemeral
  - · · Perennial
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub
  - Stream Impact
    - Temporary
    - Permanent
  - Wetland Impact
    - ▨ Temporary
    - ▨ Conversion
    - ▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map**  
**Individual Permit Application**

Figure 4-538  
Giles County, Virginia

February 2021

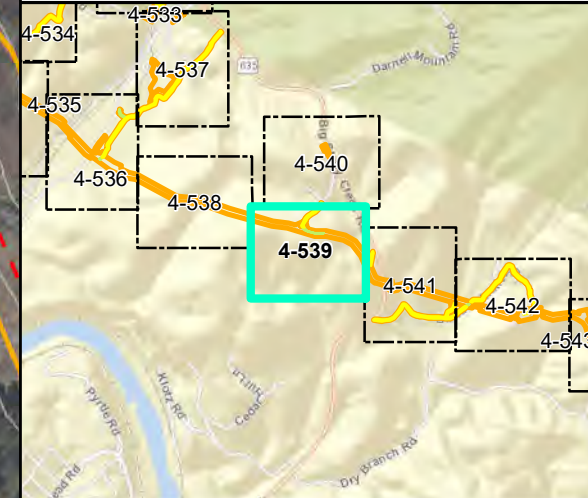
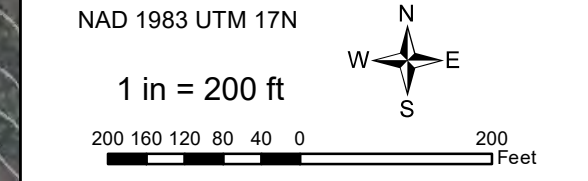
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream Intermittent
  - Stream Ephemeral
  - Stream Perennial
  - ▨ Pond
  - ▨ Wetland Palustrine Forested
  - ▨ Wetland Palustrine Emergent
  - ▨ Wetland Palustrine Scrub-Shrub
  - ▨ Stream Impact Temporary
  - ▨ Stream Impact Permanent
  - ▨ Wetland Impact Temporary
  - ▨ Wetland Impact Conversion
  - ▨ Wetland Impact Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map**  
**Individual Permit Application**

Figure 4-539  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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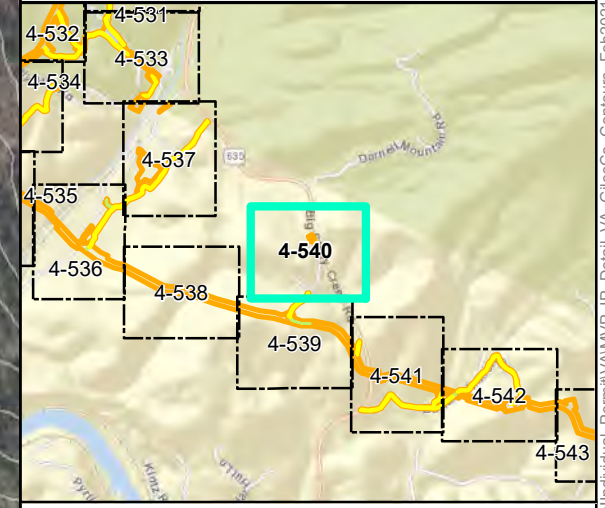
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-540  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\GIS\Giles\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd





**Legend**

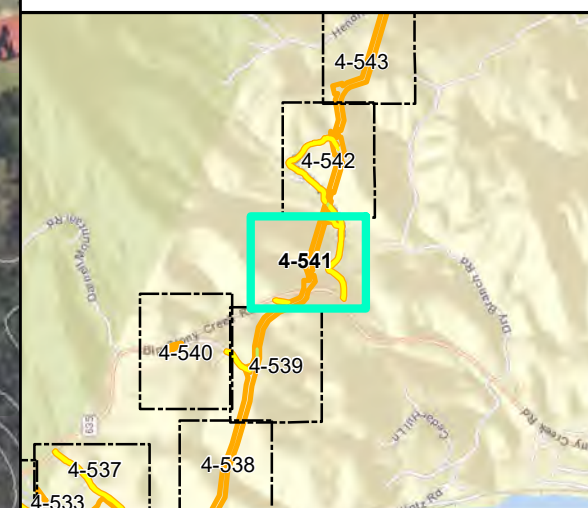
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

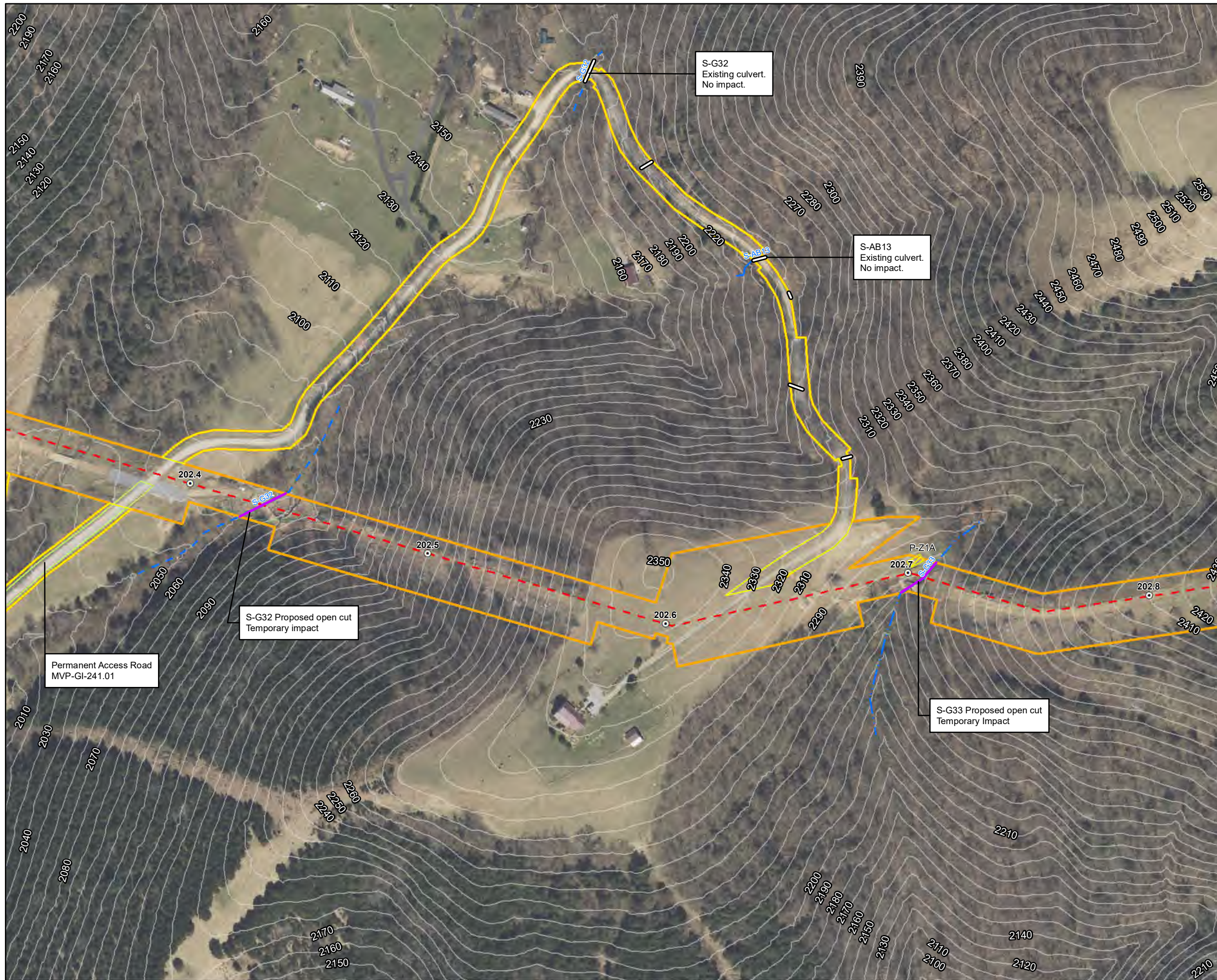
**Detail Map**  
**Individual Permit Application**

Figure 4-541  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\2019\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

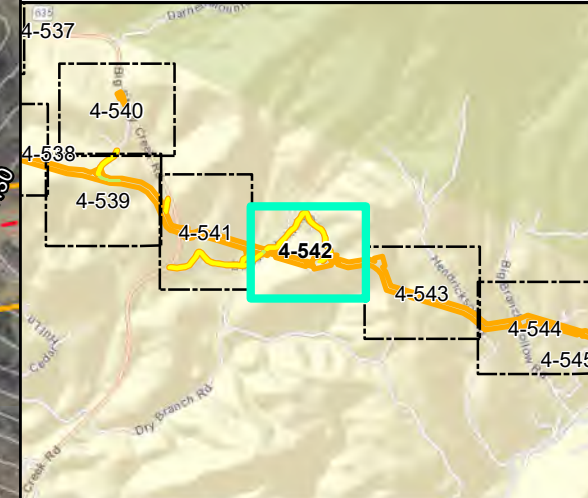
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-542  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\Giles\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



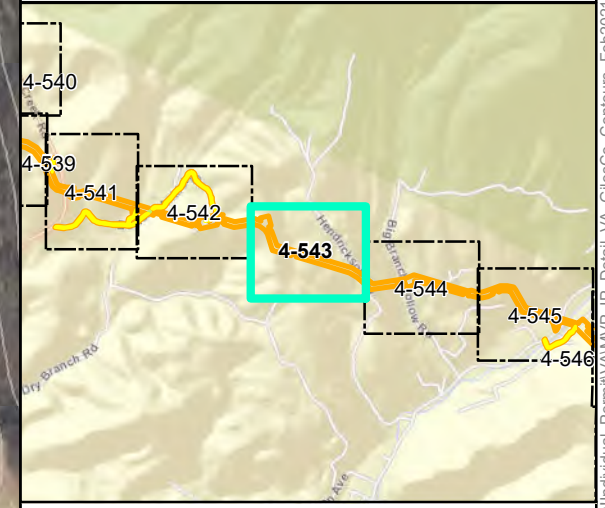
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▨ Intermittent	▨ Temporary
▨ Ephemeral	▨ Conversion
▨ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

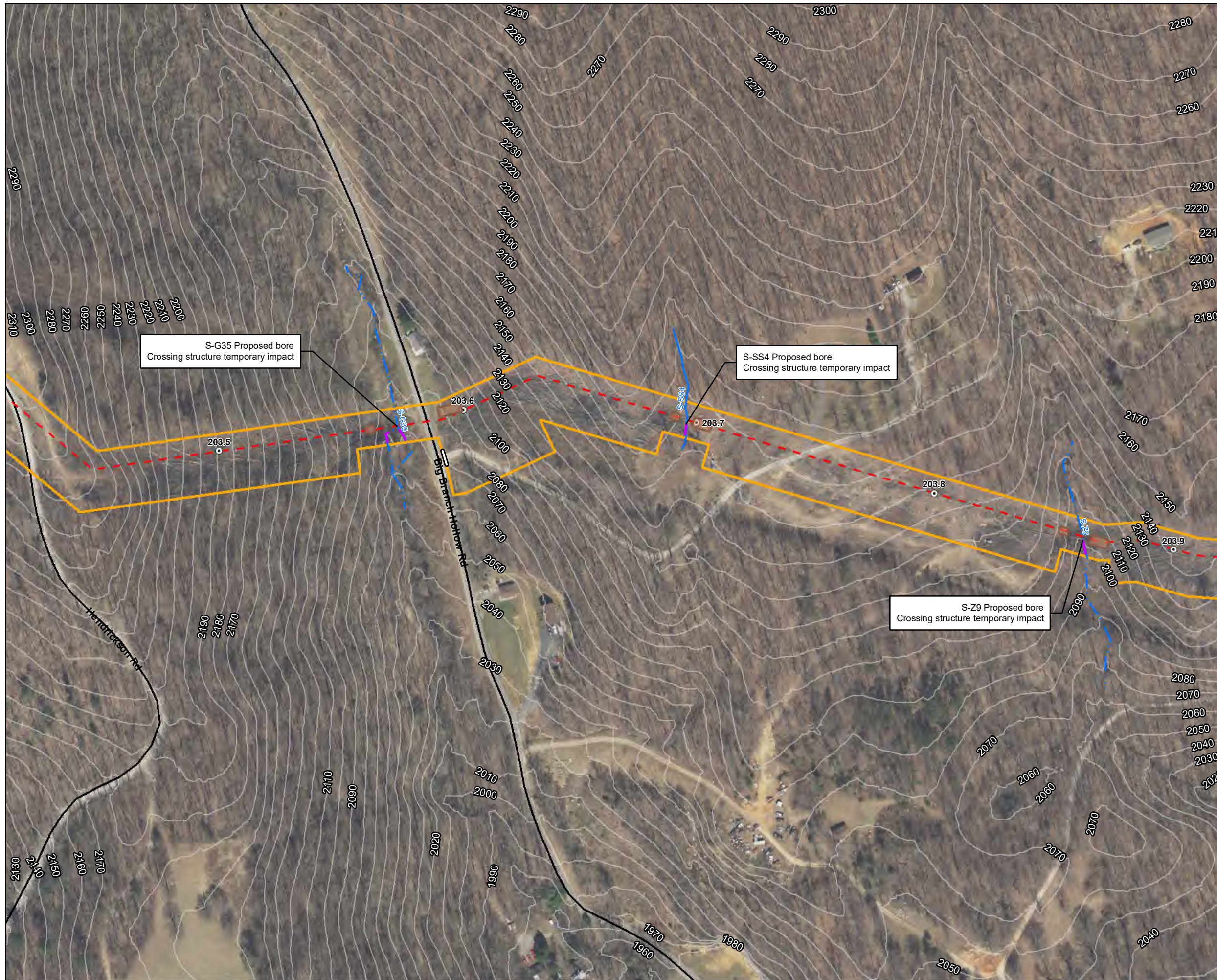
**Detail Map**  
**Individual Permit Application**

Figure 4-543  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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S-G35 Proposed bore  
Crossing structure temporary impact

S-SS4 Proposed bore  
Crossing structure temporary impact

S-Z9 Proposed bore  
Crossing structure temporary impact

**Legend**

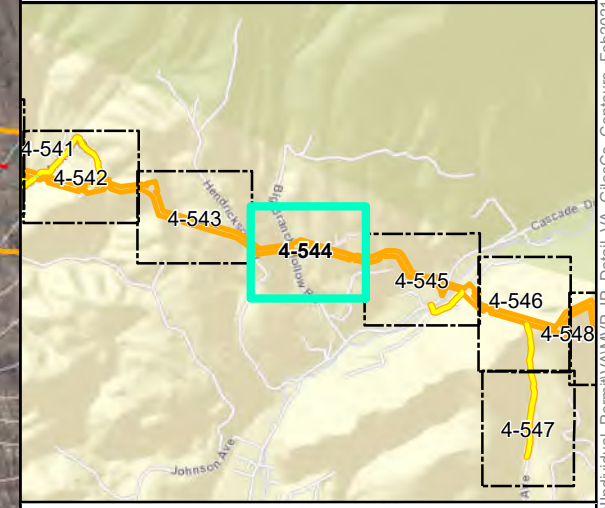
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

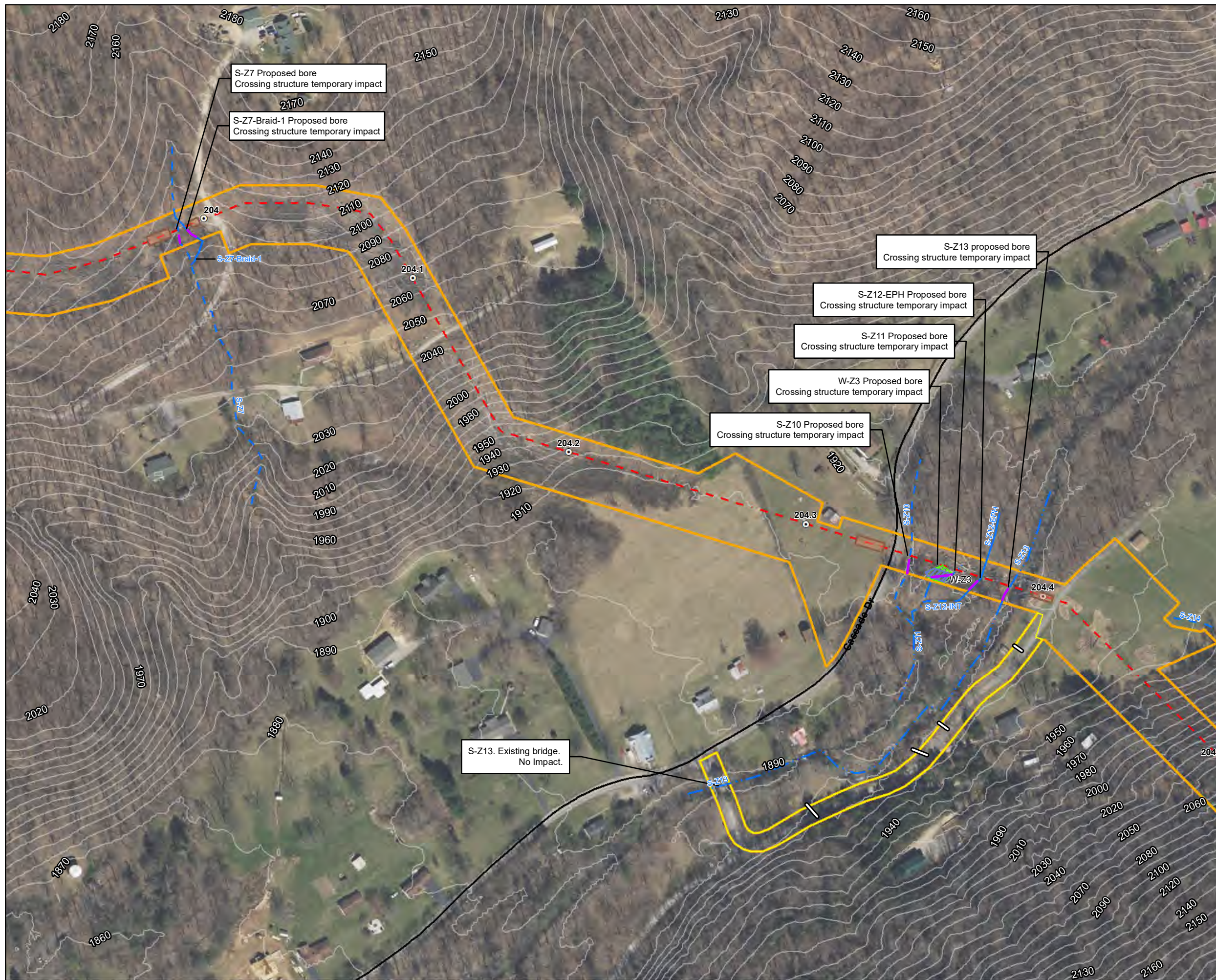
**Detail Map**  
**Individual Permit Application**

Figure 4-544  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: PGH \tts01\0s2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

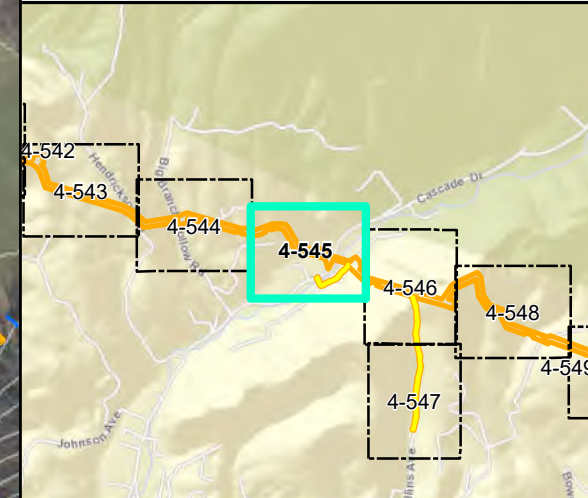
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**



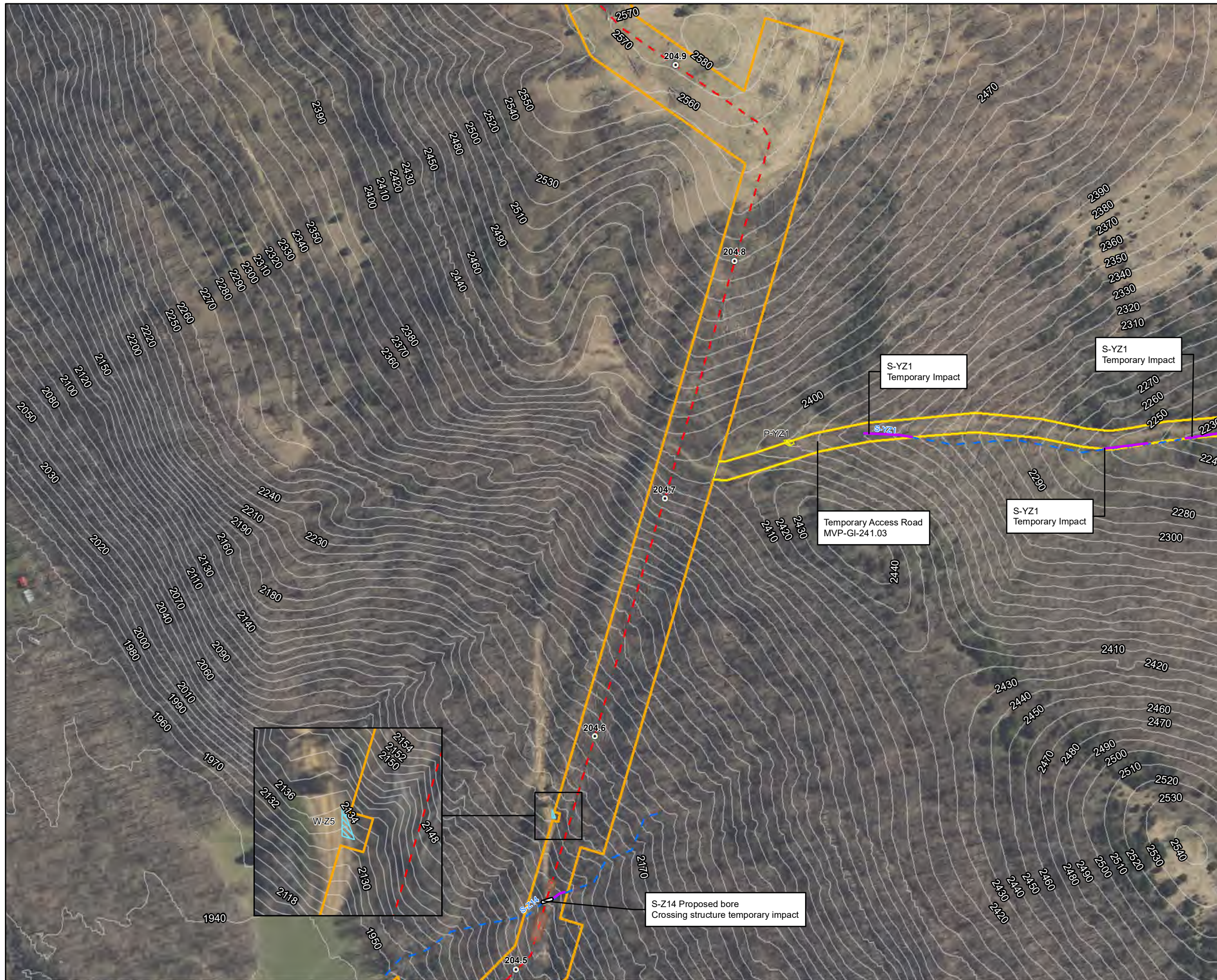
**Detail Map**  
**Individual Permit Application**

Figure 4-545  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\Giles\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WAMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

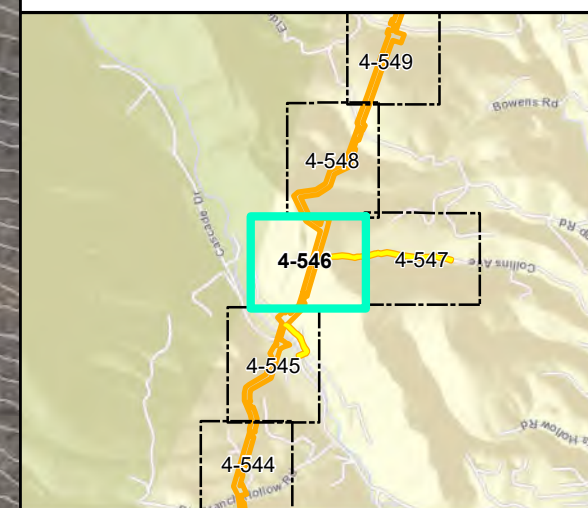
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-546  
Giles County, Virginia

February 2021

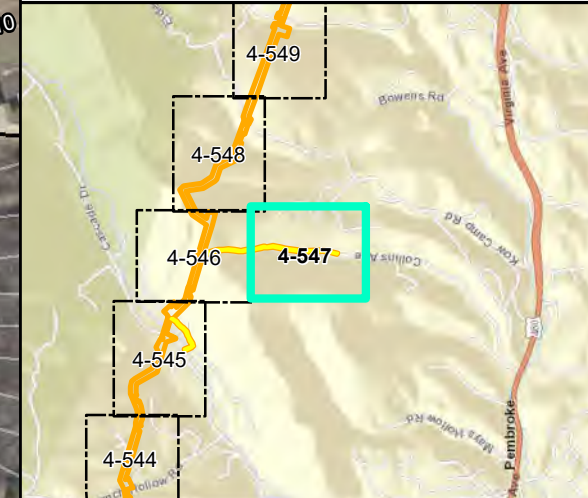
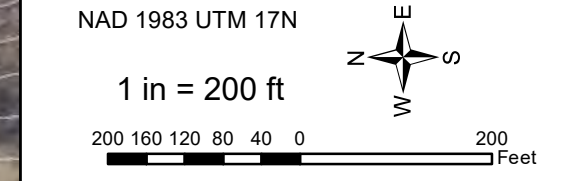
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- ### Legend
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream Intermittent
  - Stream Ephemeral
  - Stream Perennial
  - Pond
  - Wetland**
  - Palustrine Forested
  - Palustrine Emergent
  - Palustrine Scrub-Shrub
  - Stream Impact**
  - Temporary
  - Permanent
  - Wetland Impact**
  - Temporary
  - Conversion
  - Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



## Mountain Valley Pipeline Project

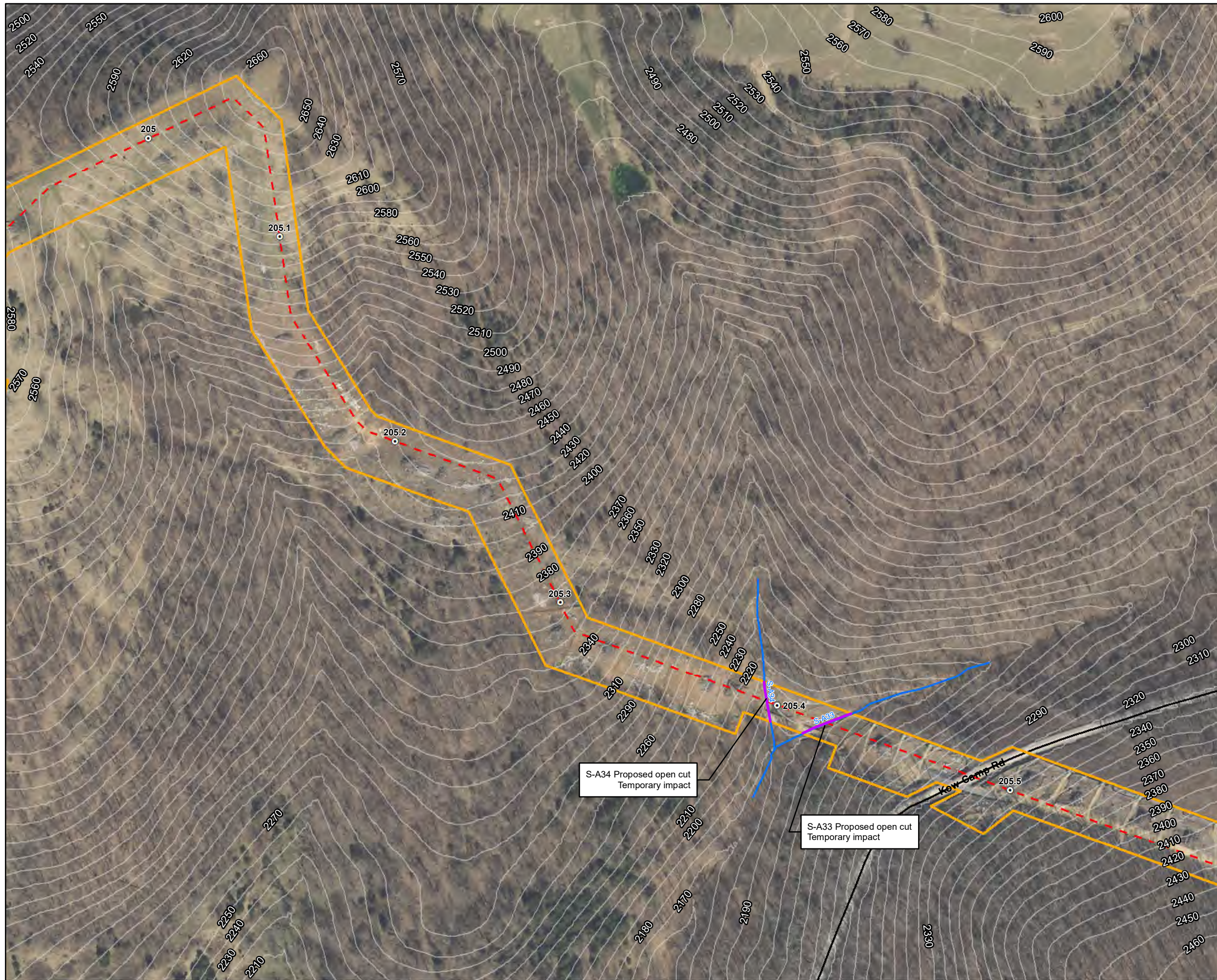


### Detail Map Individual Permit Application

Figure 4-547  
Giles County, Virginia  
February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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**Legend**

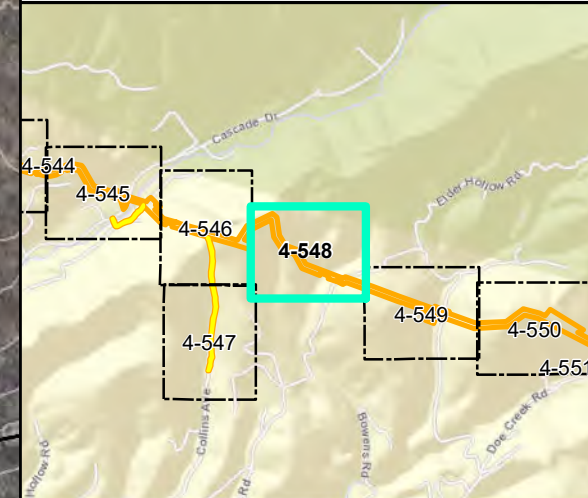
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
Stream	Wetland Impact
- - - Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
- · - · - Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**



**Detail Map**  
**Individual Permit Application**

Figure 4-548  
 Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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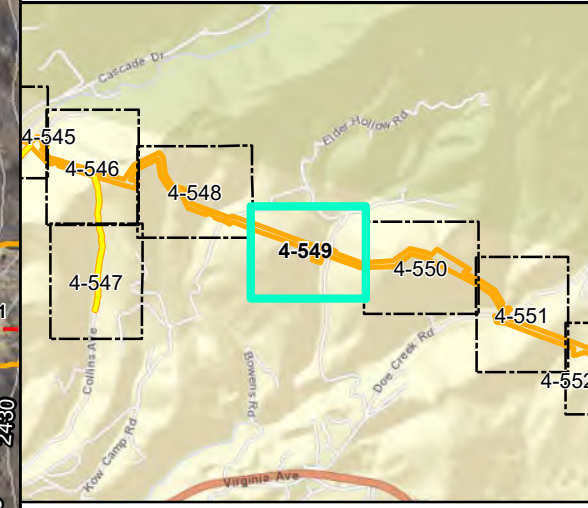
### Legend

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-549  
Giles County, Virginia  
February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\EQT\IMVP\Mapdocs\Wetlands\Individual\_Permit\IMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

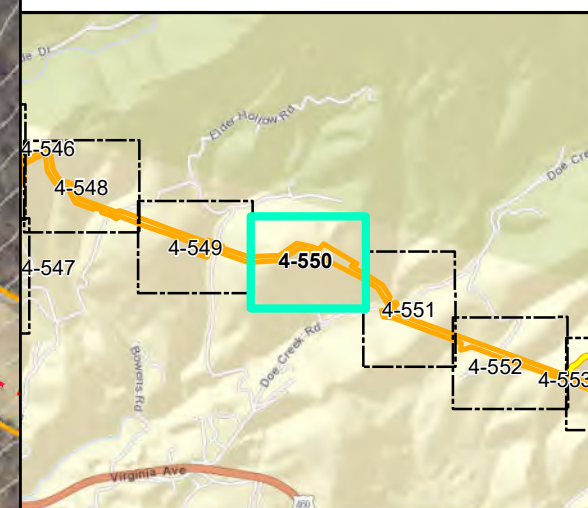
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
▭ Stream	Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-550  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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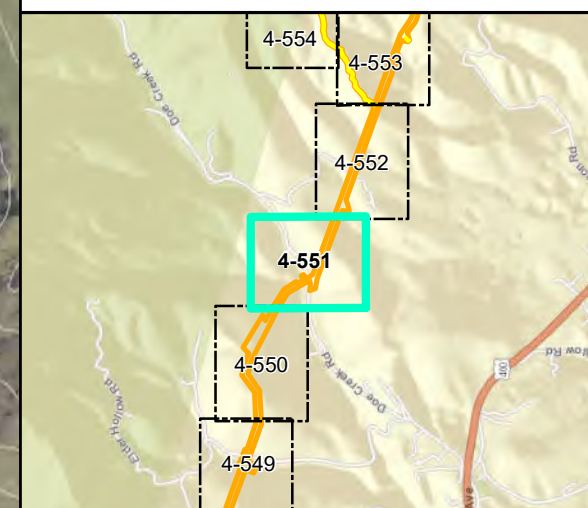
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-551  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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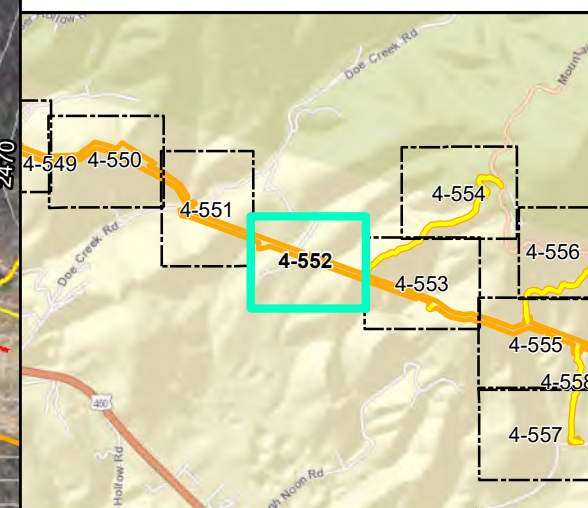
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-552  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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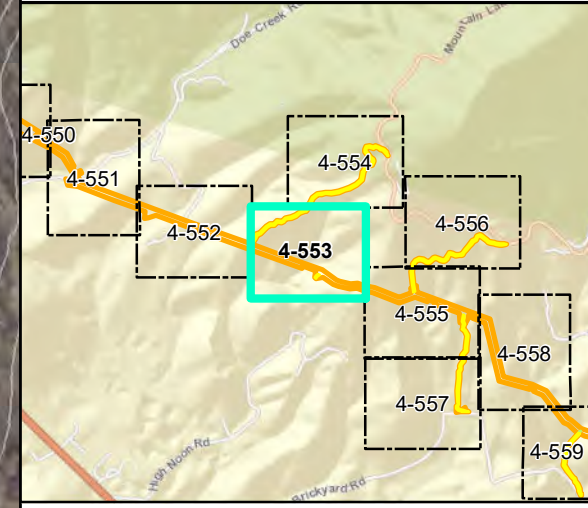
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

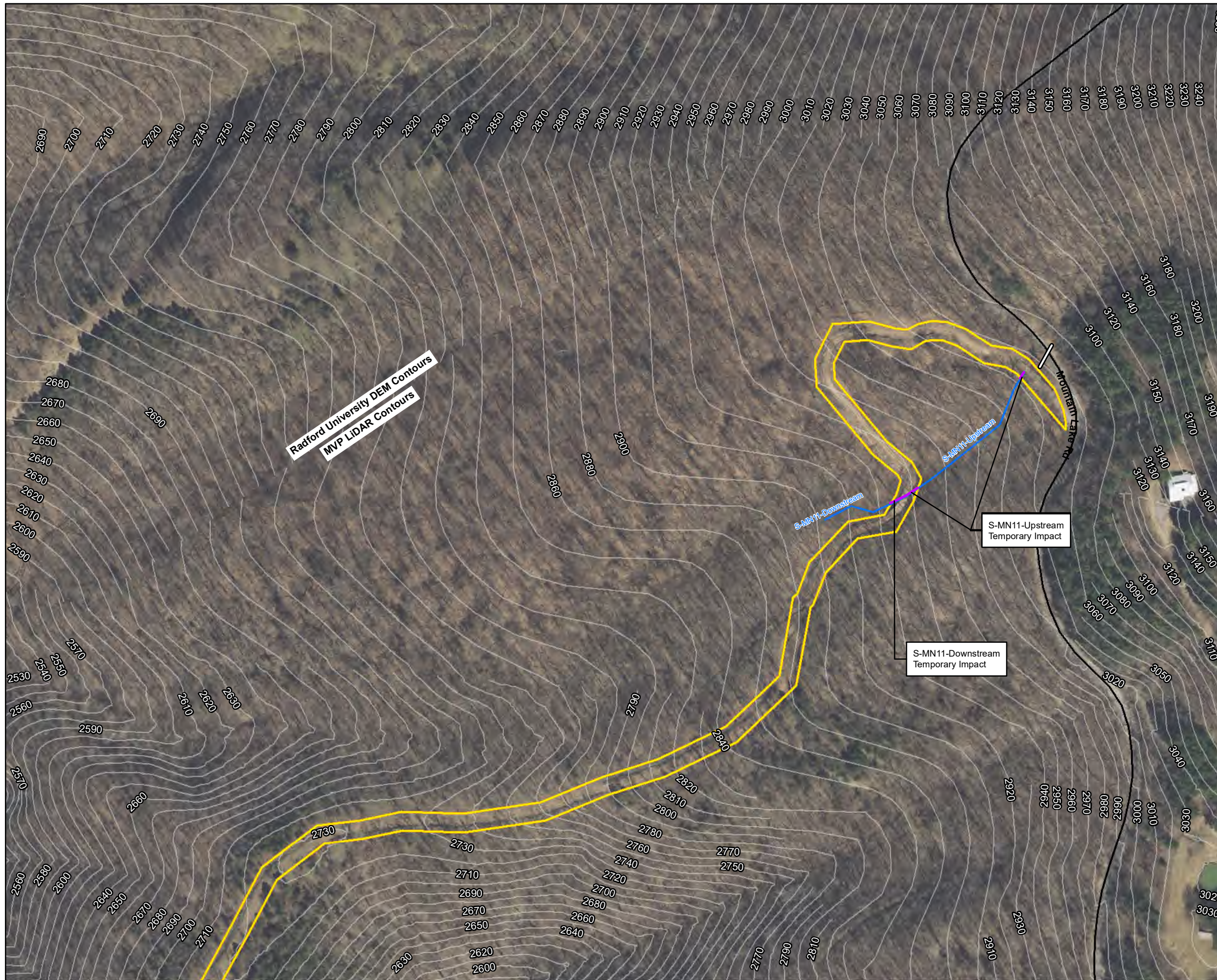
**Detail Map**  
**Individual Permit Application**

Figure 4-553  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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**Legend**

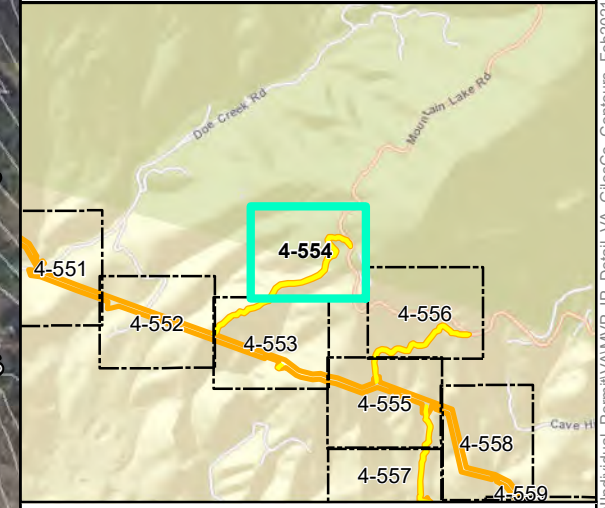
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- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
▭ Stream	Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

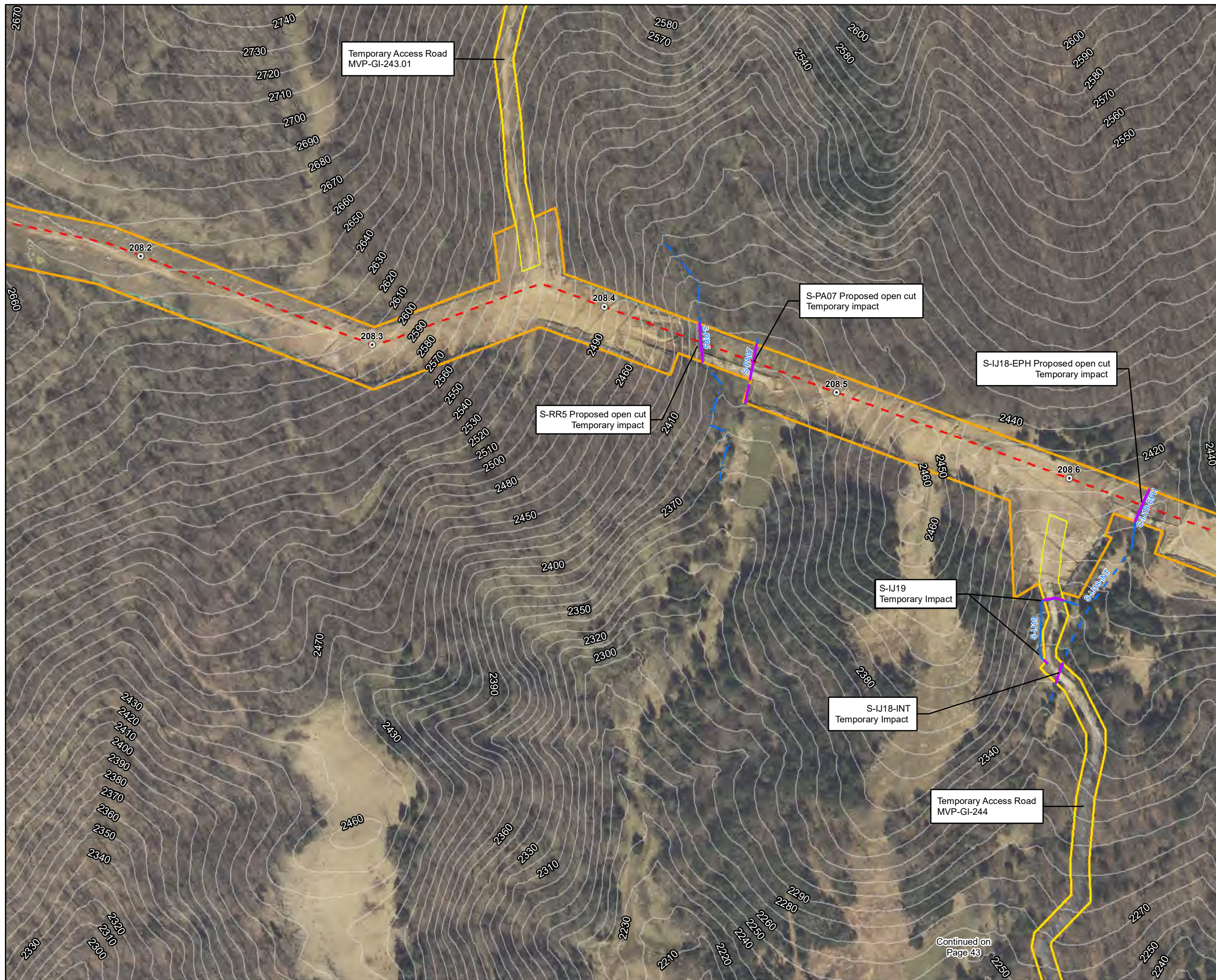
**Detail Map**  
**Individual Permit Application**

Figure 4-554  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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**Legend**

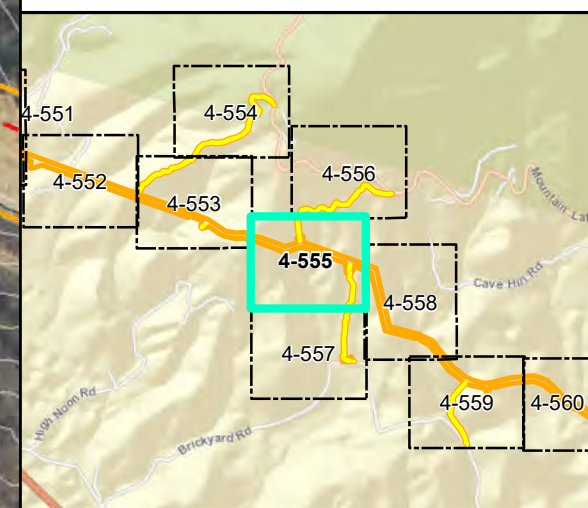
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- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

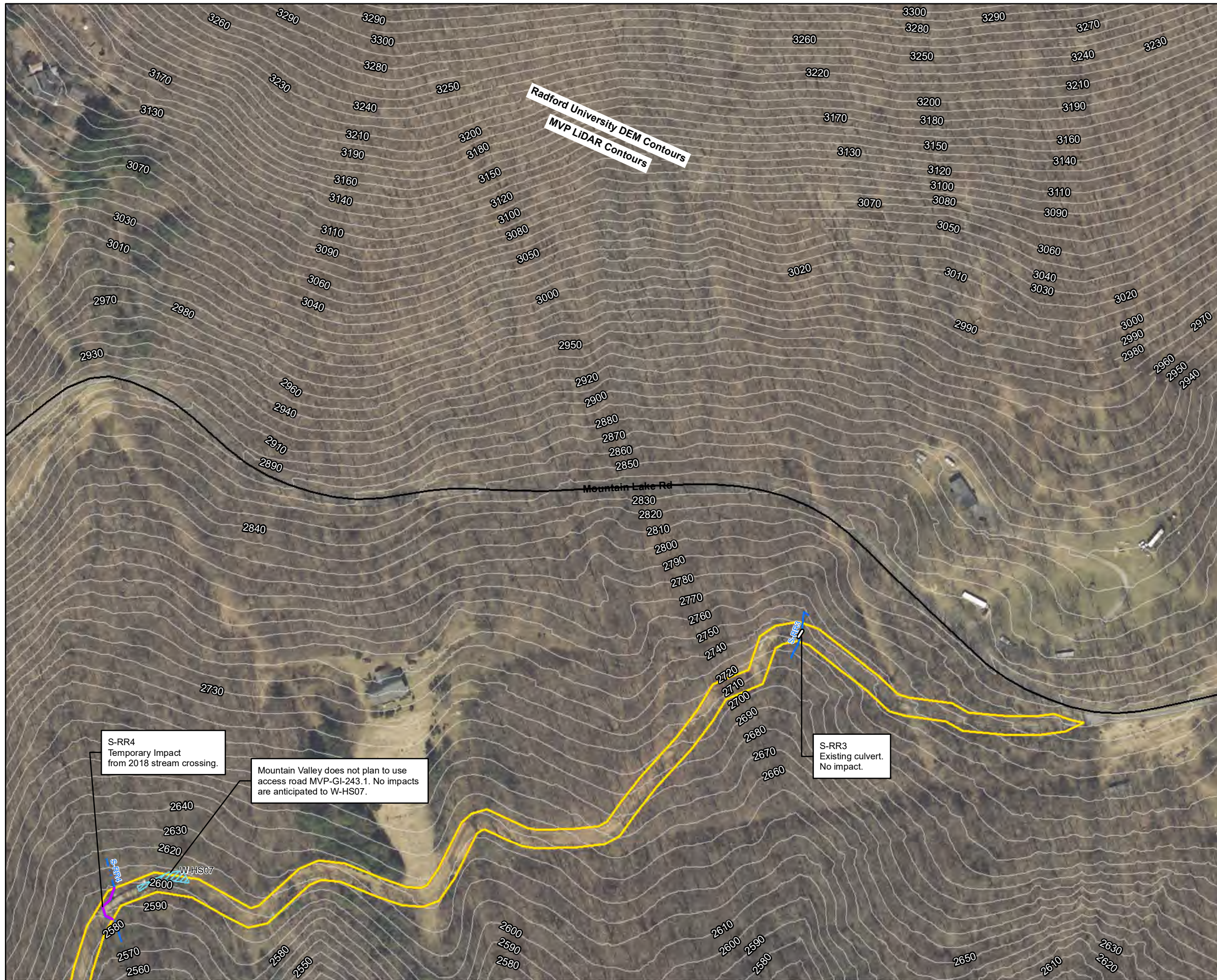
Figure 4-555  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Continued on  
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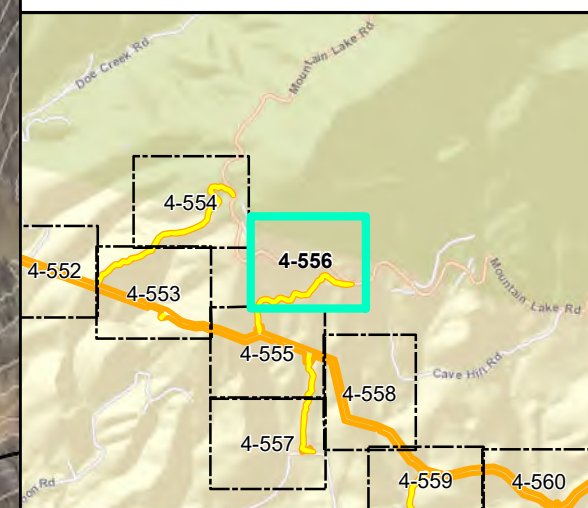
### Legend

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

Figure 4-556  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

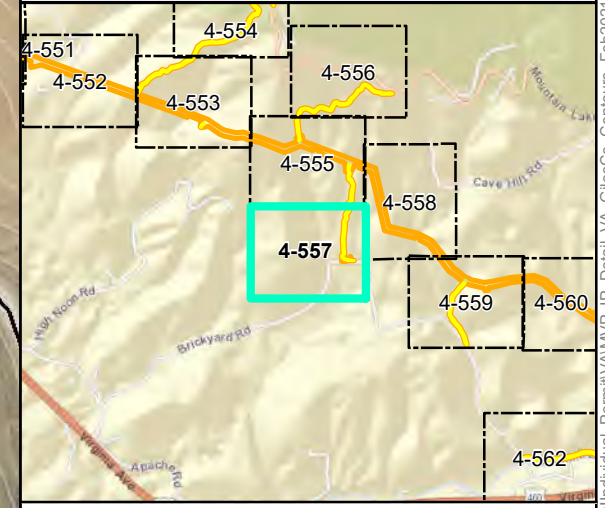
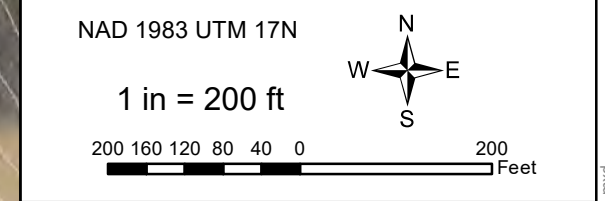
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\VA\_MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd





- ### Legend
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Intermittent
  - Ephemeral
  - Perennial
  - Pond
  - Wetland**
  - Palustrine Forested
  - Palustrine Emergent
  - Palustrine Scrub-Shrub
  - Stream Impact**
  - Temporary
  - Permanent
  - Wetland Impact**
  - Temporary
  - Conversion
  - Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-557  
Giles County, Virginia  
February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\012\GIS\Giles\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

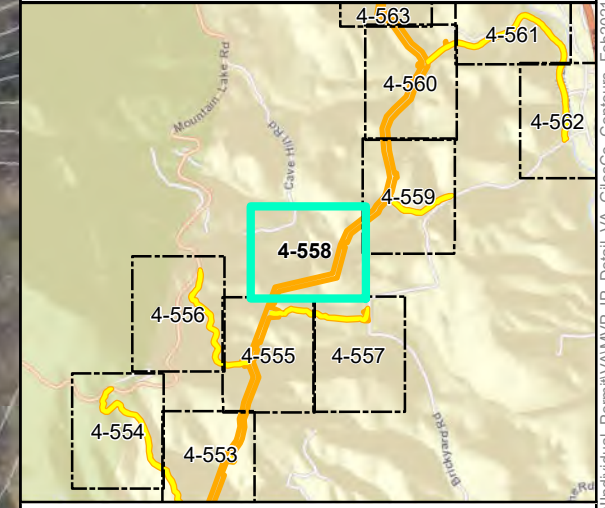
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
Stream	Wetland Impact
— Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
— Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

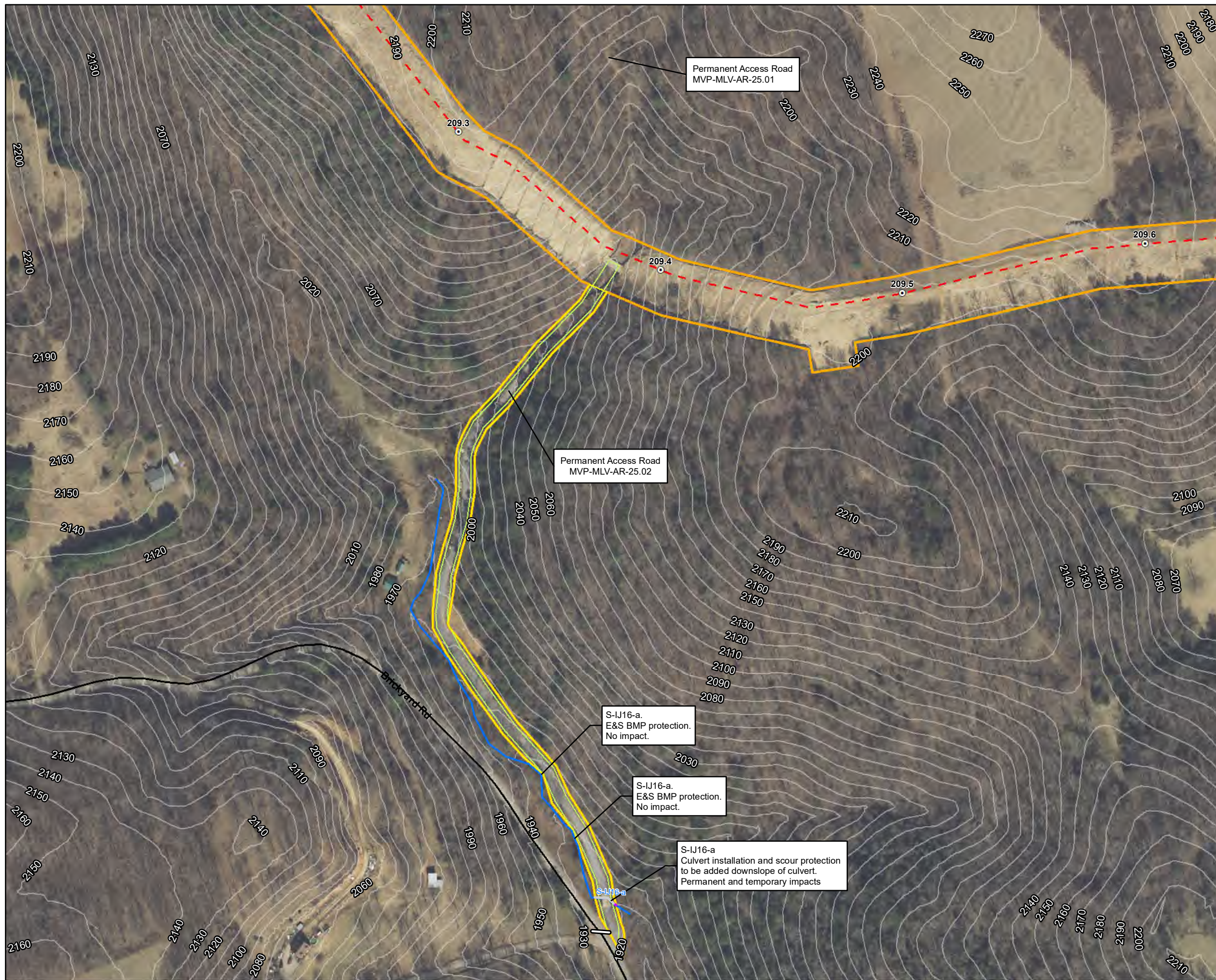
**Detail Map**  
**Individual Permit Application**

Figure 4-558  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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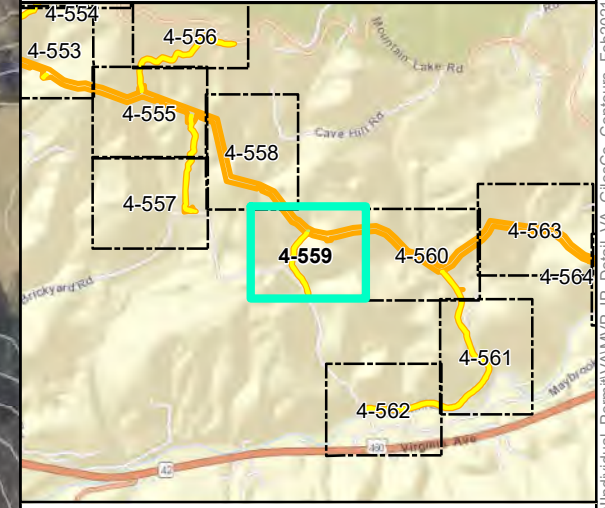
### Legend

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project

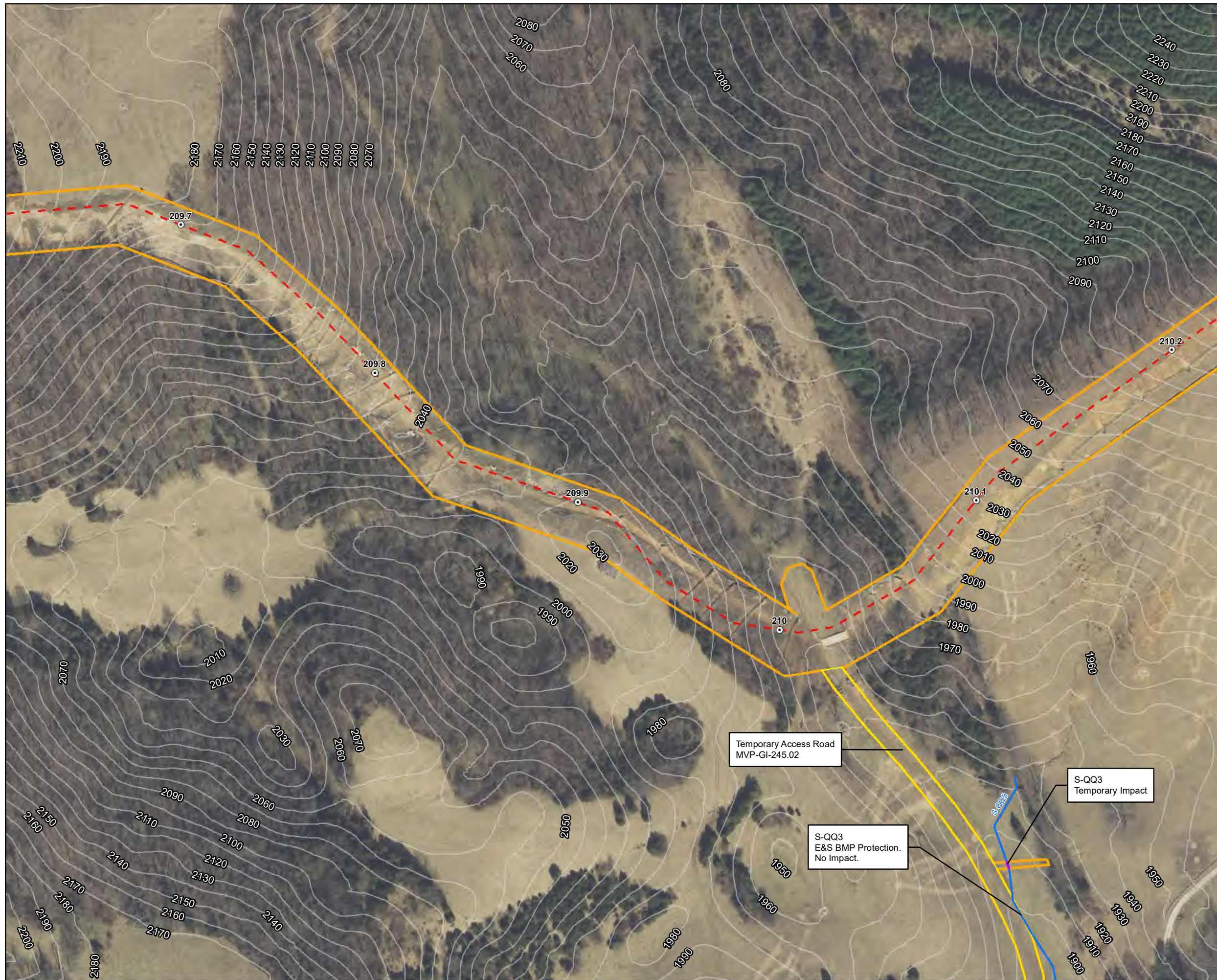
**Detail Map**  
**Individual Permit Application**

Figure 4-559  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\EQT\_MVP\MapDocs\Wetlands\Individual\_L\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd

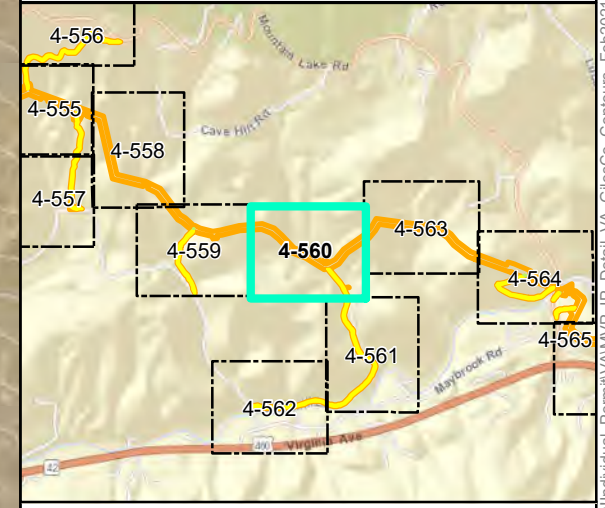


- ### Legend
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Ephemeral
  - Perennial
  - Pond
  - Wetland**
  - Palustrine Forested
  - Palustrine Emergent
  - Palustrine Scrub-Shrub
  - Stream Impact**
  - Temporary
  - Permanent
  - Wetland Impact**
  - Temporary
  - Conversion
  - Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

Figure 4-560  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\2021\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



S-QQ3-b  
E&S BMP Protection.  
No Impact.

Temporary Access Road  
MVP-GI-245.02

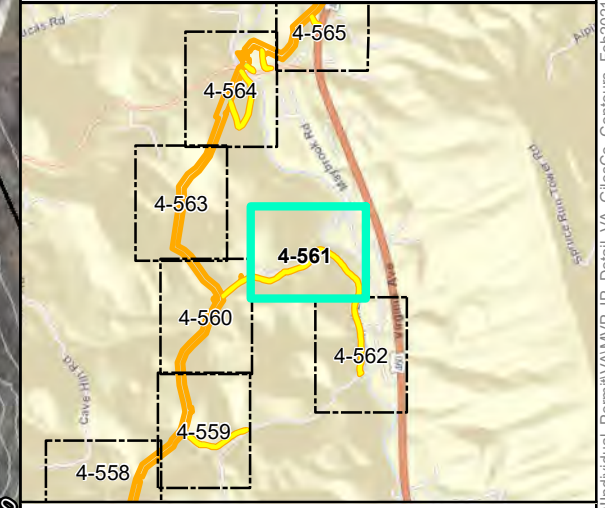
### Legend

○ Milepost	▨ Pond
— Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
— Culvert	— Permanent
— Stream	Wetland Impact
— Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
— Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

Figure 4-561  
Giles County, Virginia

February 2021

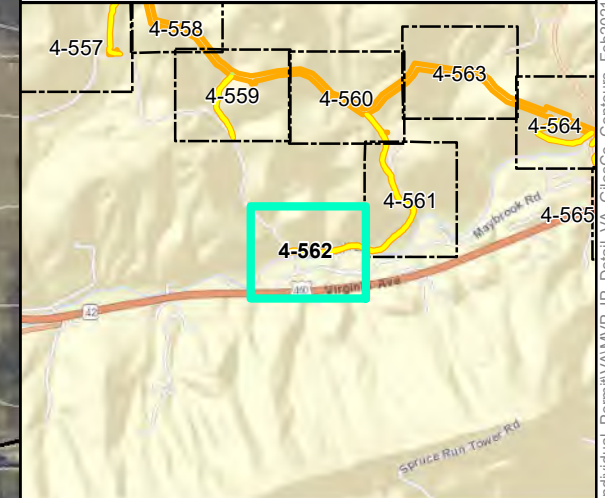
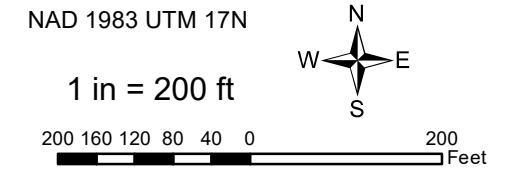
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\2021\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd

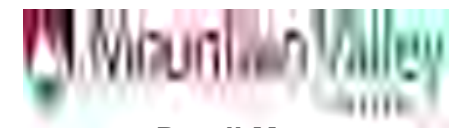


- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▬ Culvert
  - Stream
  - - - Intermittent
  - Ephemeral
  - ⋯ Perennial
  - ▨ Pond
  - Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub
  - Stream Impact
  - Temporary
  - Permanent
  - Wetland Impact
  - ▨ Temporary
  - ▨ Conversion
  - ▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-562  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: PGH \tts01\01s2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCO\_Contours\_Feb2021.mxd



**Legend**

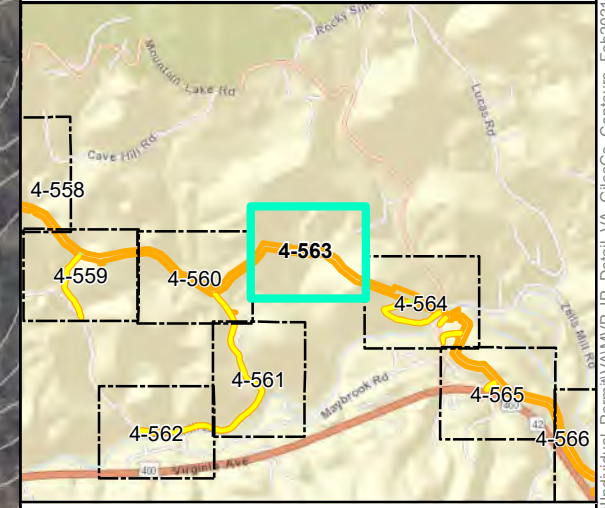
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

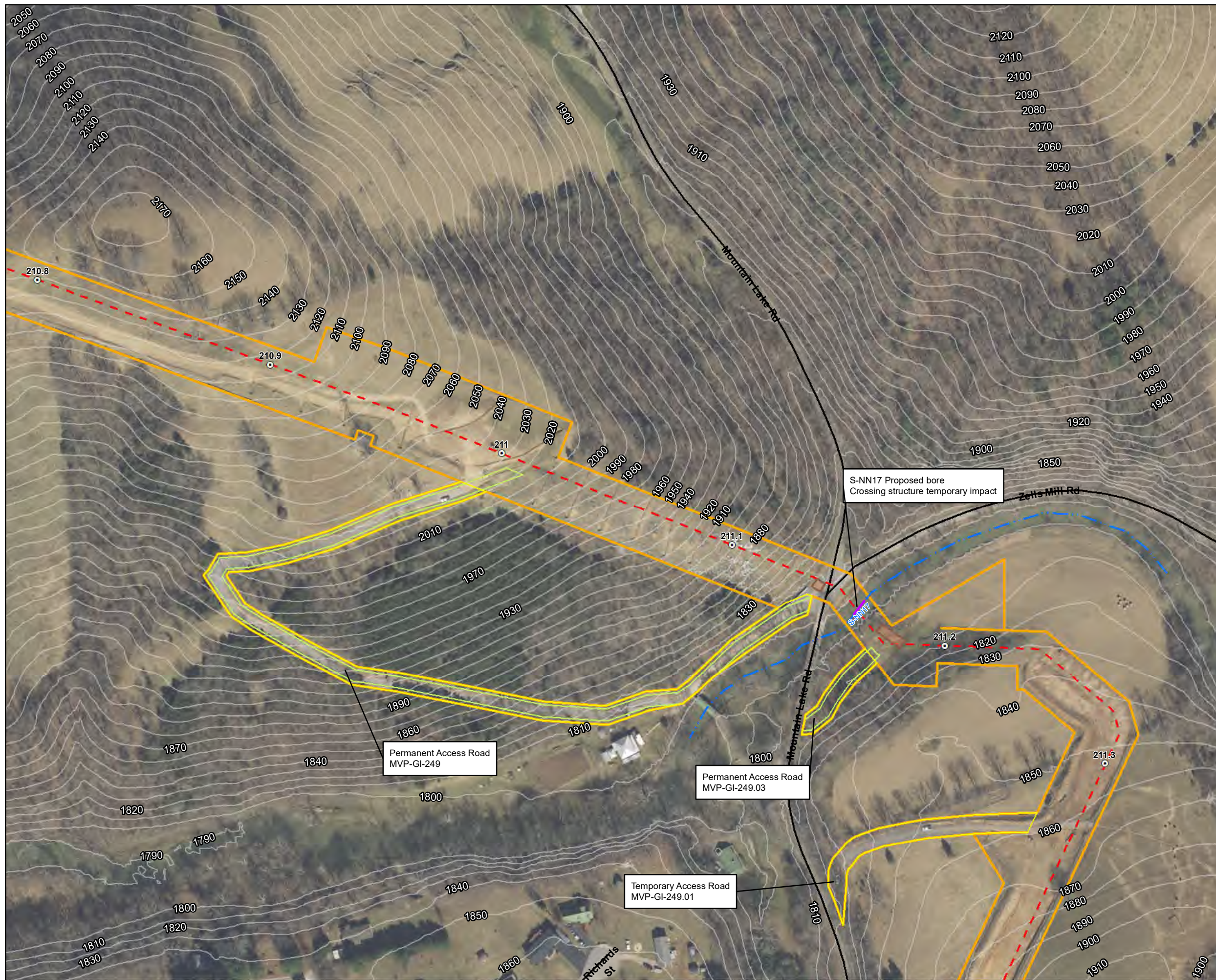
**Detail Map**  
**Individual Permit Application**

Figure 4-563  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: PGH \tts01\052\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\WVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd

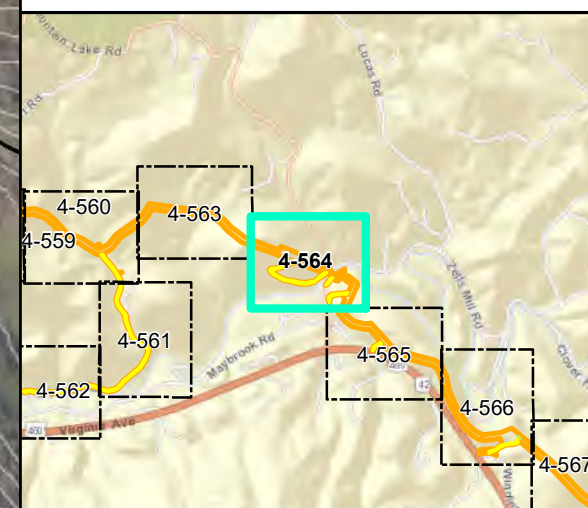


**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N  
1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-564  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd





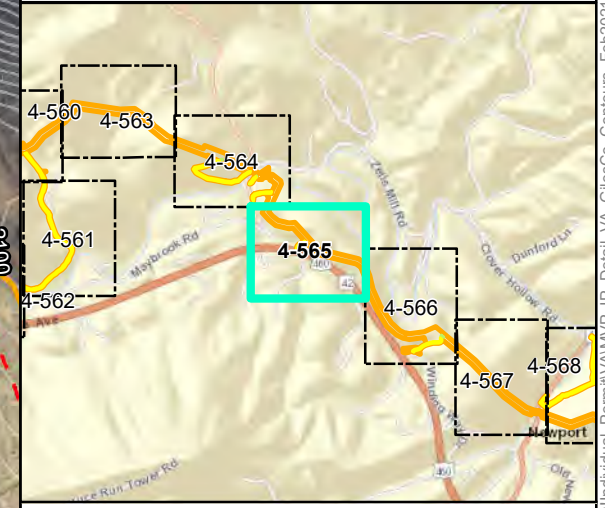
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
Stream	Wetland Impact
— Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
— Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-565  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\Giles\EQT\_MVP\Mapdocs\Wetlands\Individual\_L\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

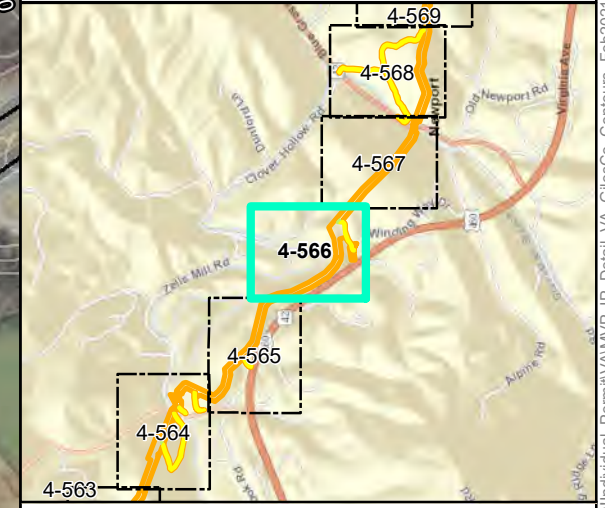
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-566  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: PGH \tts01\01s2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



Temporary Access Road  
MVP-GI-253.03

W-RR1B Proposed bore  
Crossing structure temporary impact

S-YZ6 Proposed open cut  
Temporary impact

S-RR2 Proposed bore  
Crossing structure temporary impact

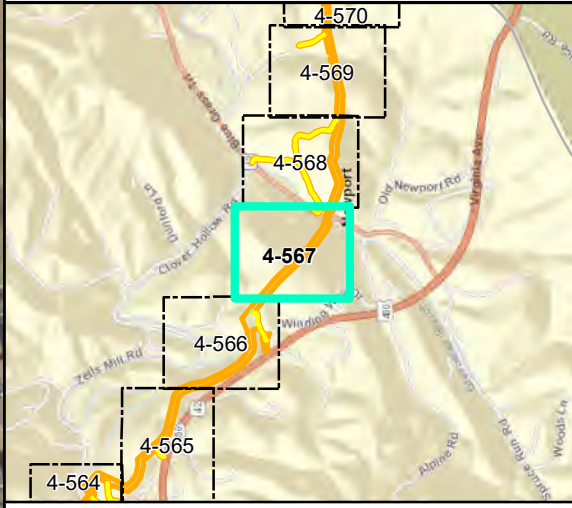
**Legend**

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert
- Stream Intermittent
- Stream Ephemeral
- Stream Perennial
- ▨ Pond
- ▨ Wetland Palustrine Forested
- ▨ Palustrine Emergent
- ▨ Palustrine Scrub-Shrub
- Stream Impact Temporary
- Stream Impact Permanent
- ▨ Wetland Impact Temporary
- ▨ Wetland Impact Conversion
- ▨ Wetland Impact Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-567  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\Giles\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



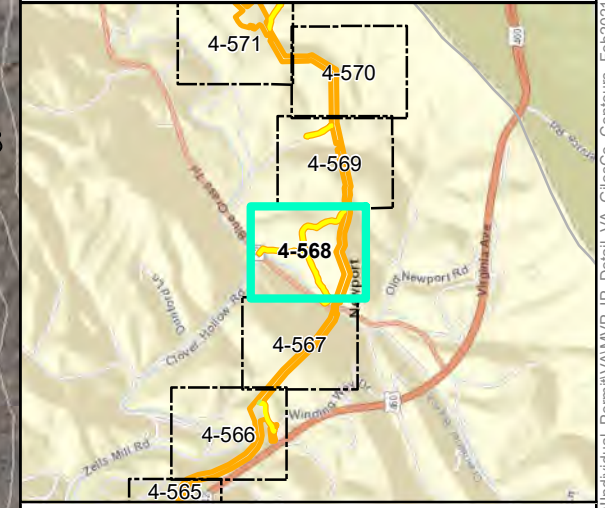
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-568  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_L\_Permit\VA\MVP\_IP\_Detail\_VA\_GilesCO\_Contours\_Feb2021.mxd



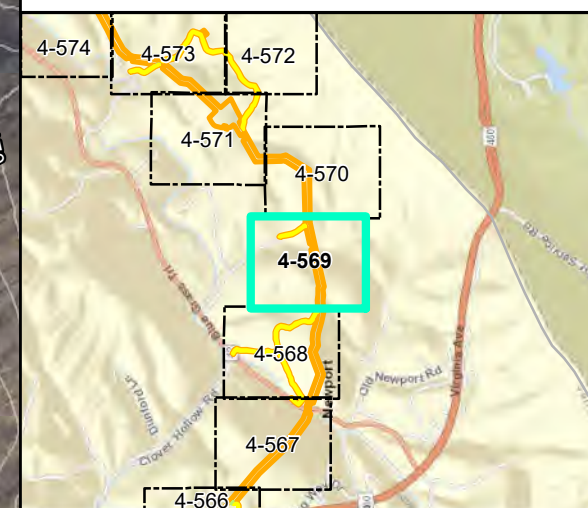
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

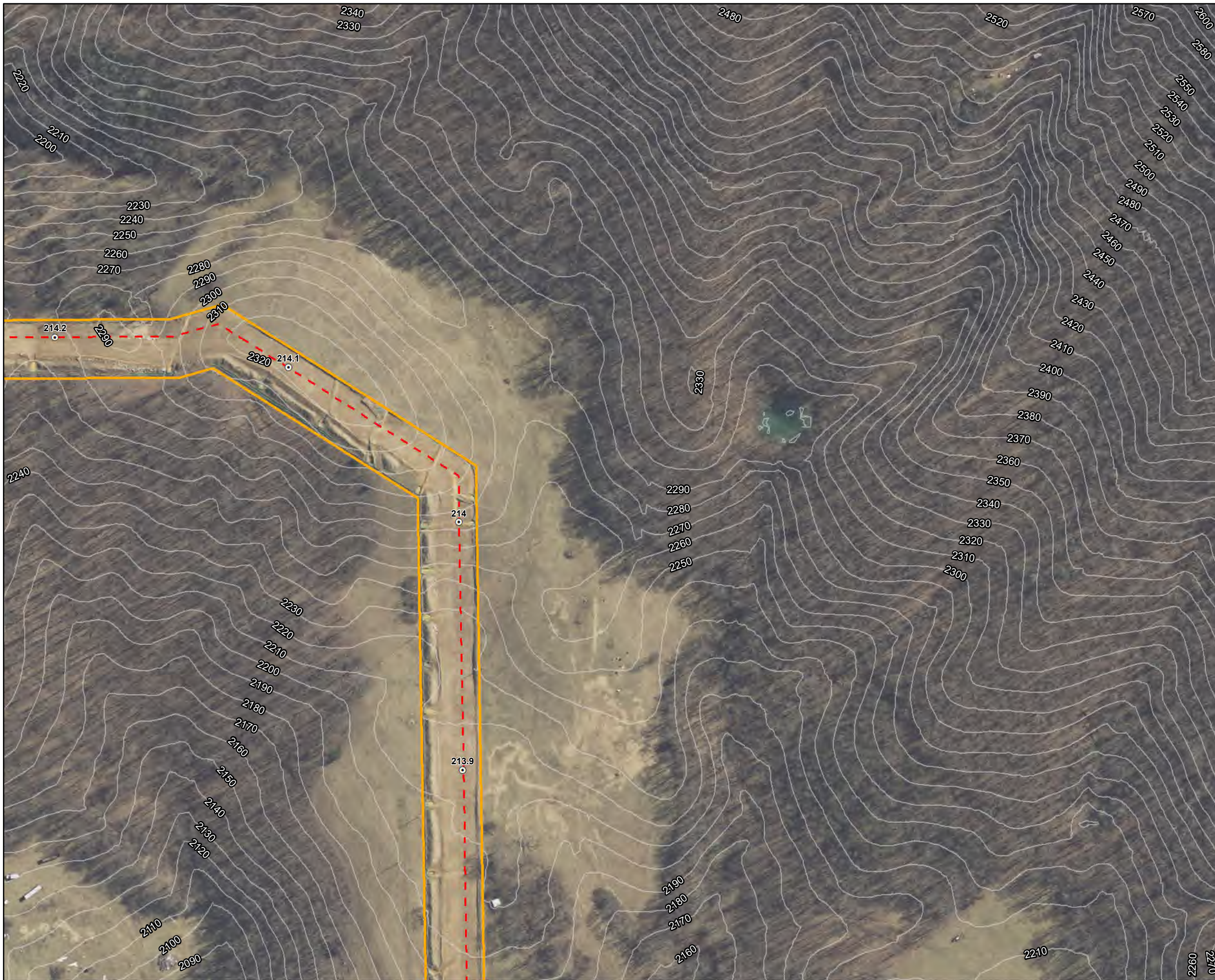
**Detail Map**  
**Individual Permit Application**

Figure 4-569  
Giles County, Virginia

February 2021

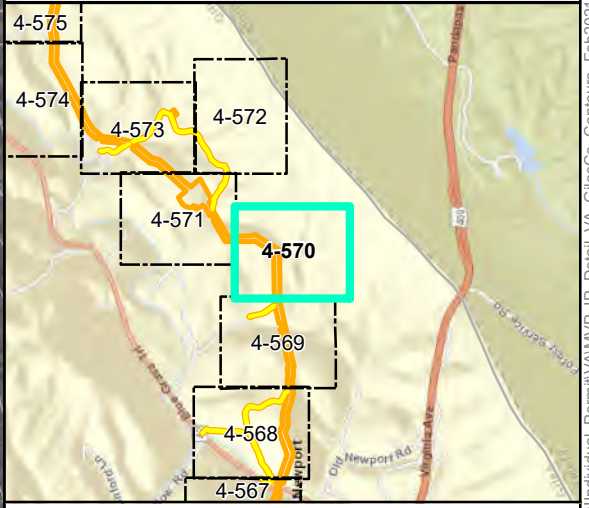
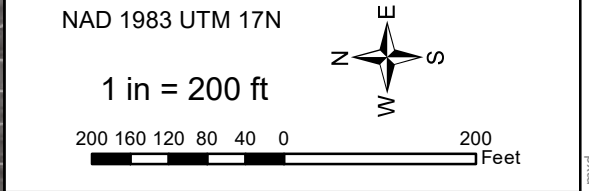
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\VMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd

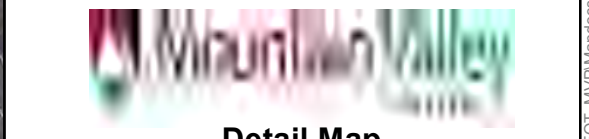


- ### Legend
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | ▨ Pond                   |
| - - - Alignment Centerline  | ▨ Wetland                |
| ▭ Access Road Temporary LOD | ▨ Palustrine Forested    |
| ▭ Access Road Permanent LOD | ▨ Palustrine Emergent    |
| ▭ Permanent Facility        | ▨ Palustrine Scrub-Shrub |
| ▭ Limit of Disturbance      | ▨ Stream Impact          |
| ▭ Bore Pit                  | ▨ Temporary              |
| ▭ Culvert                   | ▨ Permanent              |
| ▭ Stream                    | ▨ Wetland Impact         |
| ▭ Intermittent              | ▨ Temporary              |
| ▭ Ephemeral                 | ▨ Conversion             |
| ▭ Perennial                 | ▨ Permanent Fill         |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



## Mountain Valley Pipeline Project



**Detail Map**  
**Individual Permit Application**

Figure 4-570  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\2021\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



**Legend**

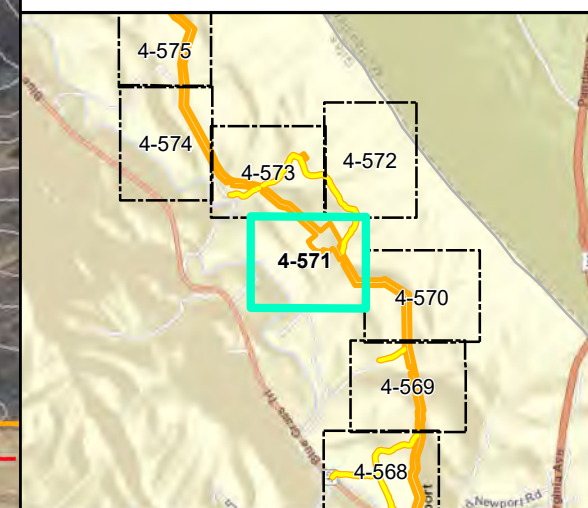
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-571  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.



### Legend

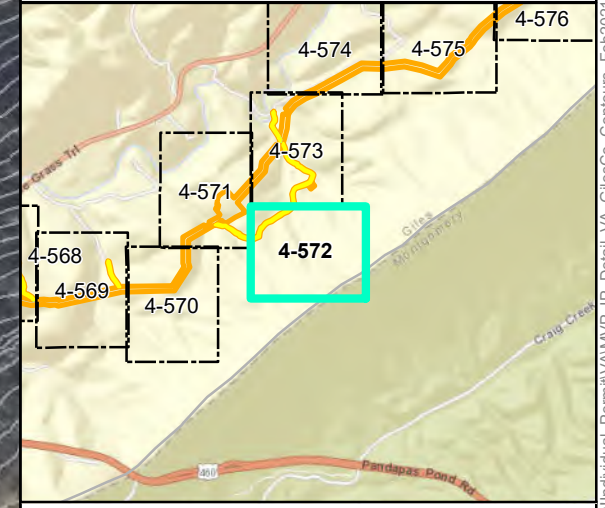
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
Stream	Wetland Impact
- - - Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
— Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

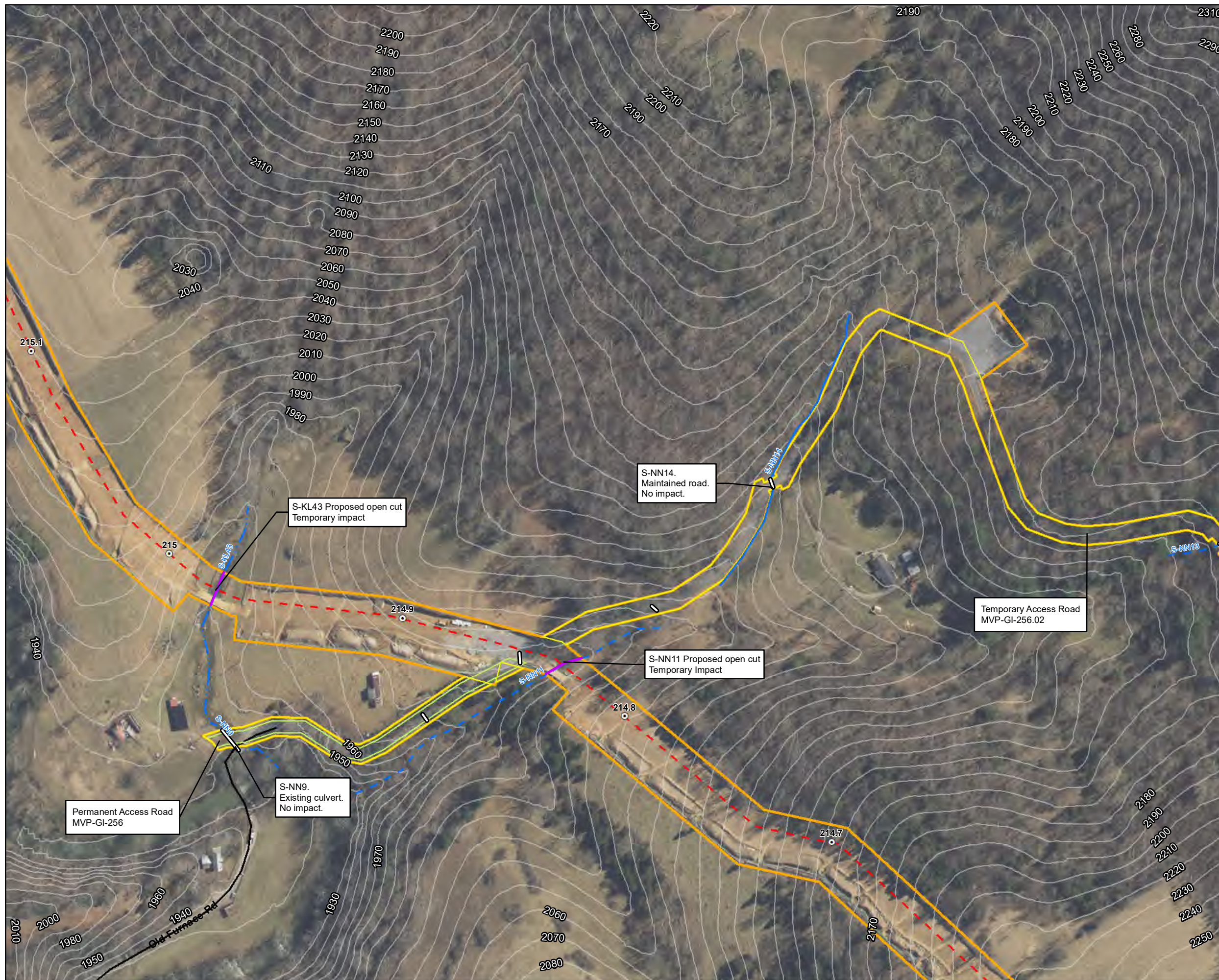
Figure 4-572  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: PGH \tiss01\rs2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd





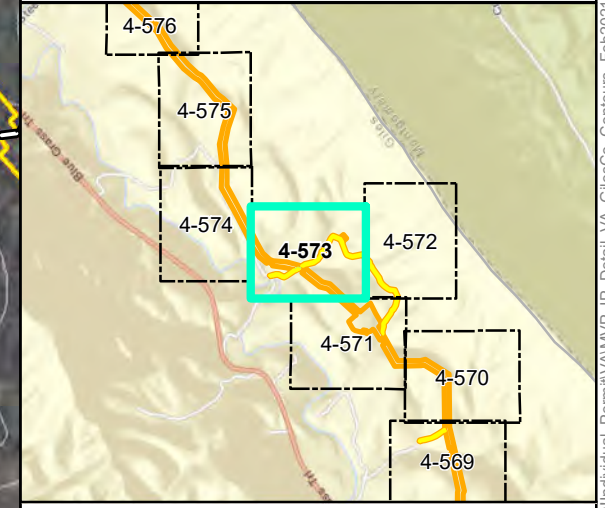
### Legend

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

Figure 4-573  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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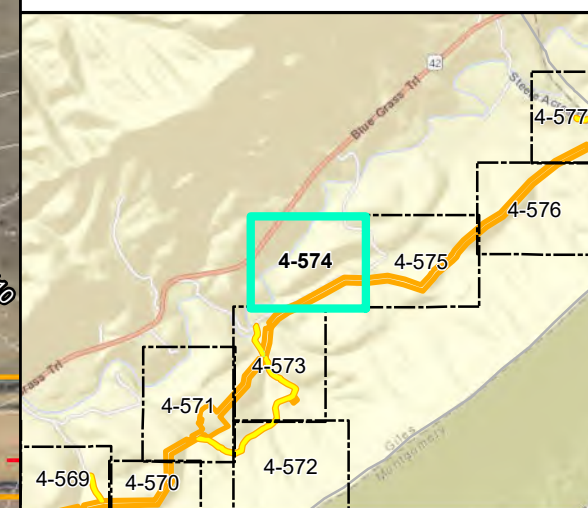
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
▭ Stream	▨ Wetland Impact Temporary
▭ Intermittent	▨ Conversion
▭ Ephemeral	▨ Permanent Fill
▭ Perennial	

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-574  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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**Legend**

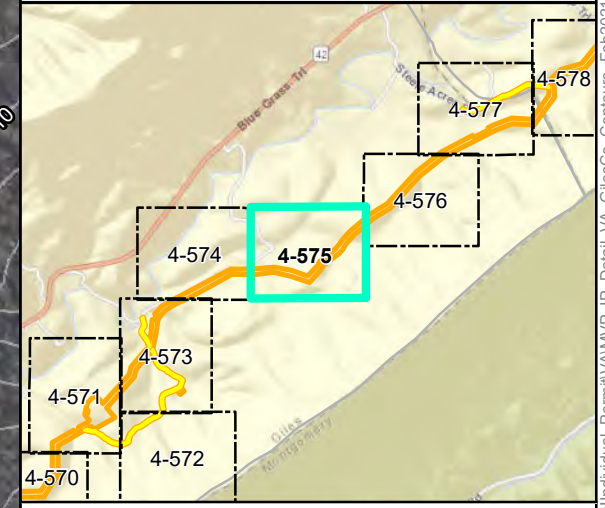
○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▨ Intermittent	▨ Temporary
▨ Ephemeral	▨ Conversion
▨ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-575  
Giles County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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**Legend**

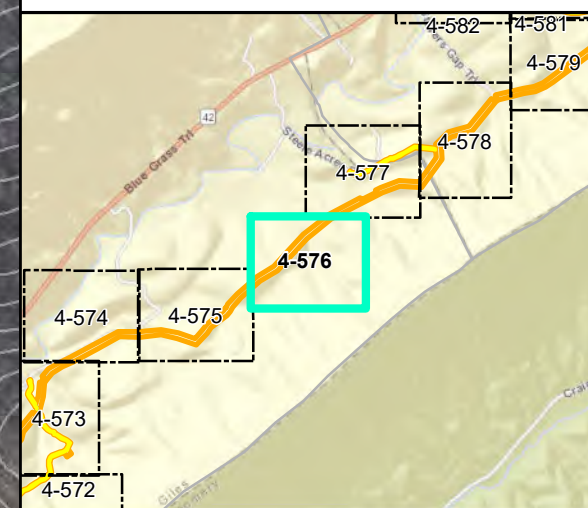
○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
▭ Culvert	— Permanent
▭ Stream	Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

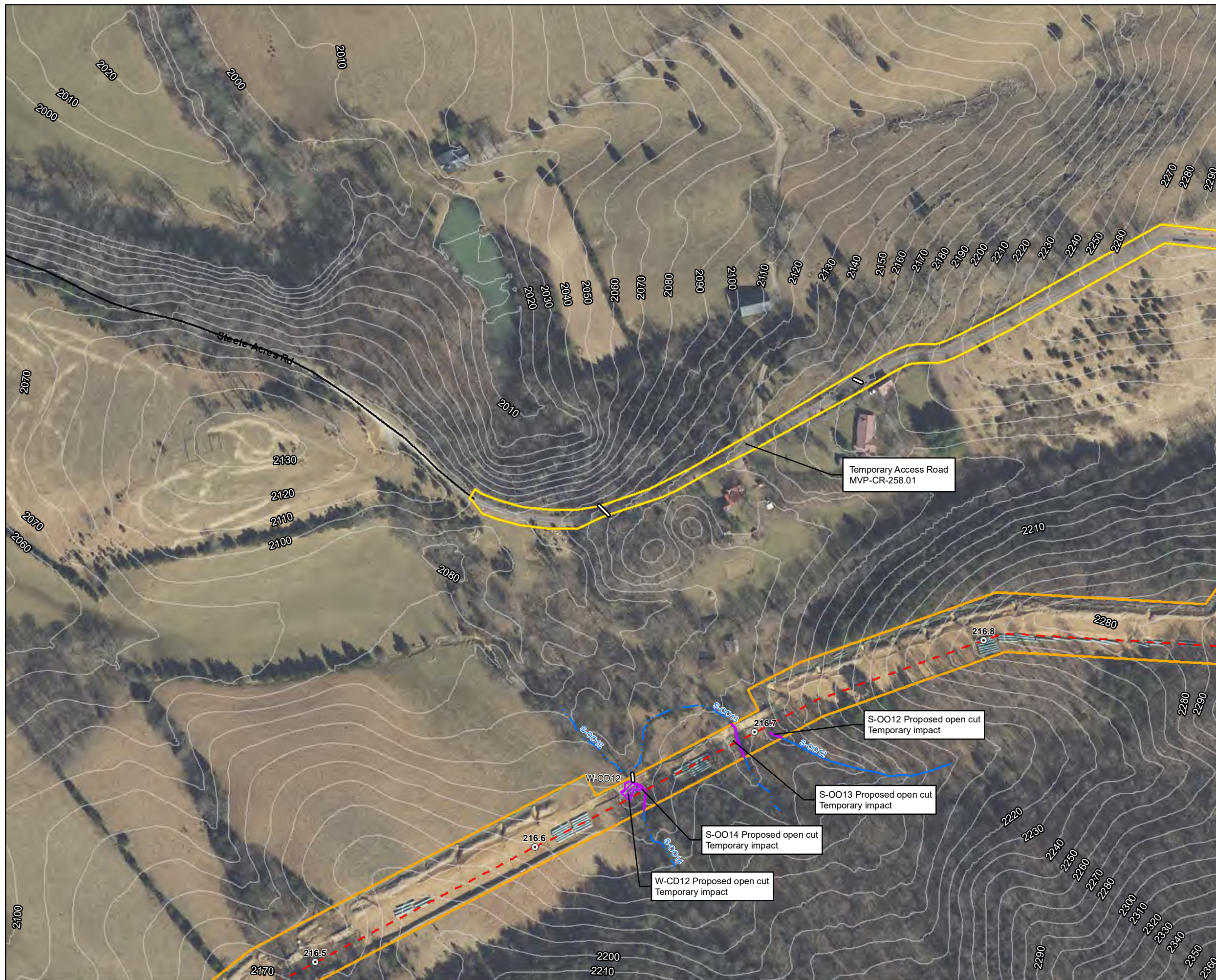
**Detail Map**  
**Individual Permit Application**

Figure 4-576  
Giles County, Virginia

February 2021

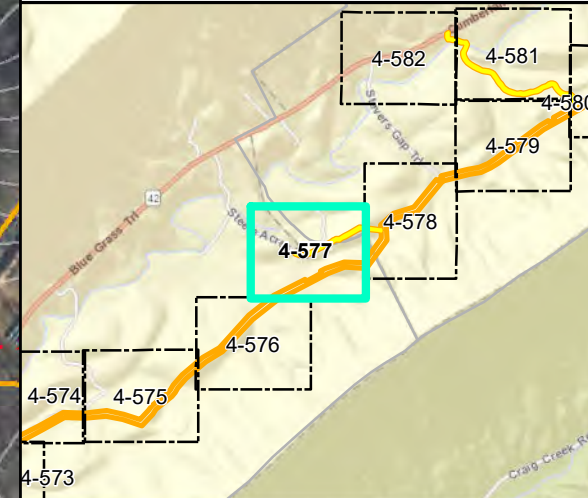
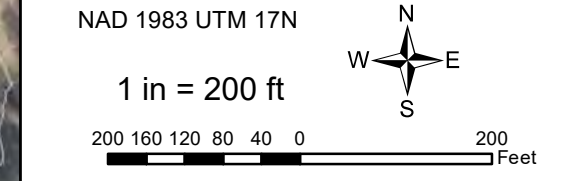
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Ephemeral
  - Perennial
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub
  - Stream Impact
    - Temporary
    - Permanent
  - Wetland Impact
    - ▨ Temporary
    - ▨ Conversion
    - ▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-577  
Craig/Giles County, Virginia  
February 2021

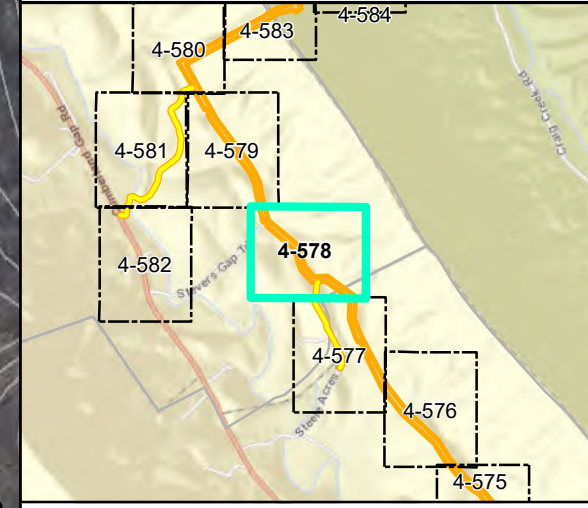
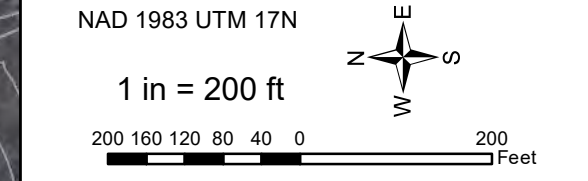
Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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- ### Legend
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | ▨ Pond                   |
| - - - Alignment Centerline  | ▨ Wetland                |
| ▭ Access Road Temporary LOD | ▨ Palustrine Forested    |
| ▭ Access Road Permanent LOD | ▨ Palustrine Emergent    |
| ▭ Permanent Facility        | ▨ Palustrine Scrub-Shrub |
| ▭ Limit of Disturbance      | ▨ Stream Impact          |
| ▭ Bore Pit                  | ▨ Temporary              |
| ▭ Culvert                   | ▨ Permanent              |
| ▭ Stream                    | ▨ Wetland Impact         |
| ▭ Intermittent              | ▨ Temporary              |
| ▭ Ephemeral                 | ▨ Conversion             |
| ▭ Perennial                 | ▨ Permanent Fill         |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-578  
Craig County, Virginia  
February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

Document Path: P:\GIS\0162\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\AMVP\_IP\_Detail\_VA\_GilesCo\_Contours\_Feb2021.mxd



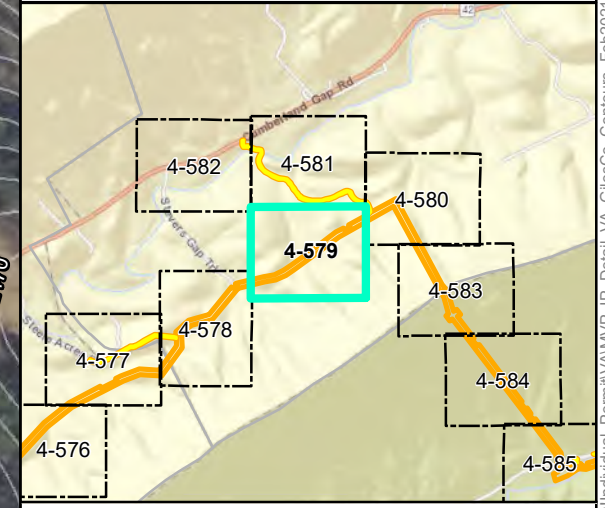
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
○ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-579  
Craig County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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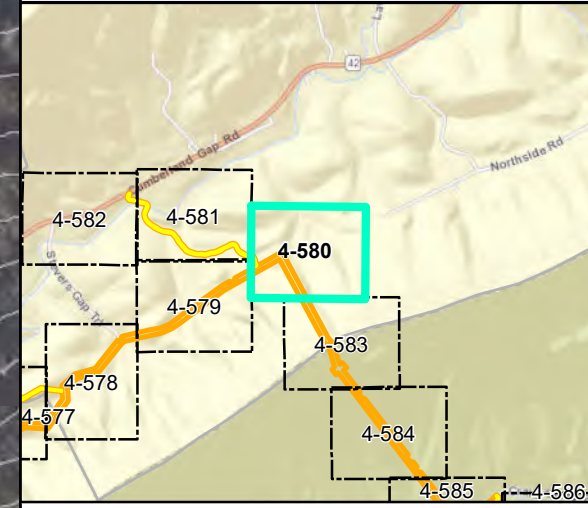
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

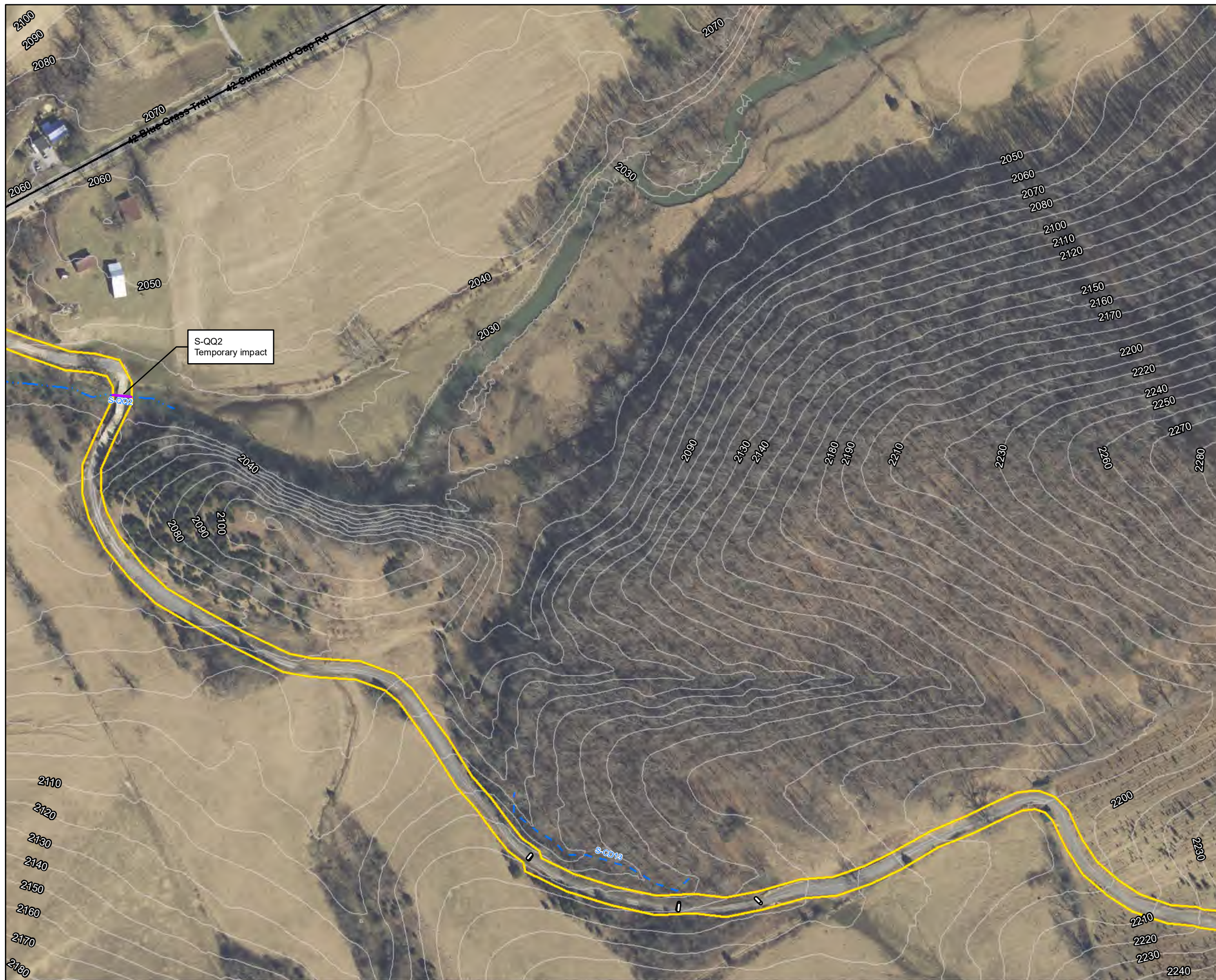
Figure 4-580  
Craig County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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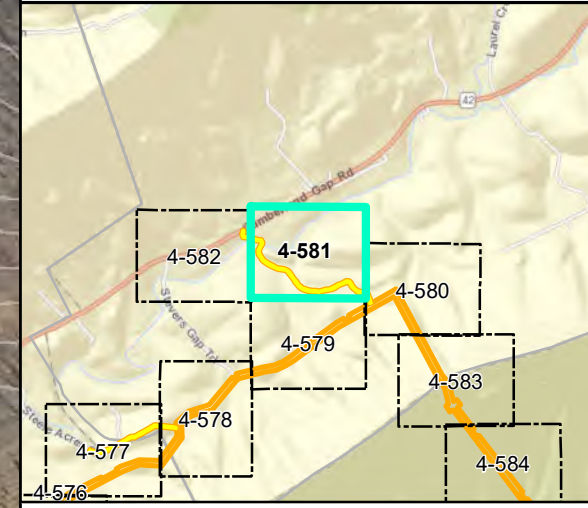
**Legend**

○ Milepost	▨ Pond
- - - Alignment Centerline	Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	Stream Impact
▭ Bore Pit	— Temporary
— Culvert	— Permanent
Stream	Wetland Impact
— Intermittent	▨ Temporary
— Ephemeral	▨ Conversion
— Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-581  
Craig County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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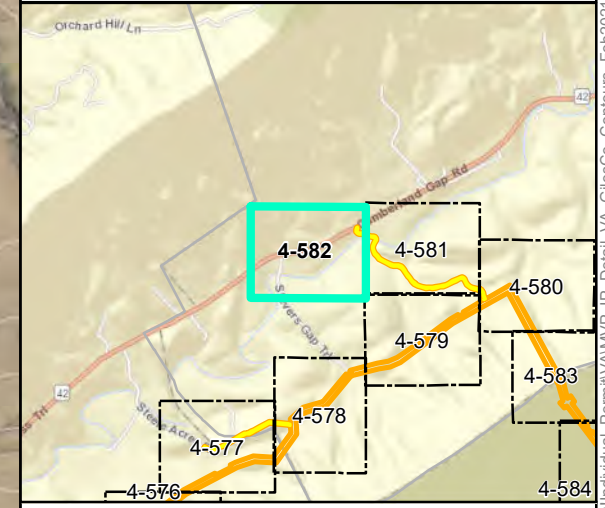
**Legend**

○ Milepost	▨ Pond
— Alignment Centerline	▨ Wetland
▭ Access Road Temporary LOD	▨ Palustrine Forested
▭ Access Road Permanent LOD	▨ Palustrine Emergent
▭ Permanent Facility	▨ Palustrine Scrub-Shrub
▭ Limit of Disturbance	▨ Stream Impact
▭ Bore Pit	▨ Temporary
▭ Culvert	▨ Permanent
▭ Stream	▨ Wetland Impact
▭ Intermittent	▨ Temporary
▭ Ephemeral	▨ Conversion
▭ Perennial	▨ Permanent Fill

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-582  
Craig County, Virginia

February 2021

Data Sources: Imagery from Virginia Geographic Information Network (VGIN) 2017, 2018, 2019. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.

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